SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(07)M&E/12-01 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(07)M&E/12-01	**Defibrillator with External & Internal Paddles & External Pacemaker**	**4**	**52,000.00**	***02.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(07)M&E/12-01	Defibrillator with External & Internal Paddles & External Pacemaker	**4**	Double bid	52,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

TECHNICAL SPECIFICATION FOR DEFIBRILLATOR WITH EXTERNAL AND INTERNAL PADDLES AND EXTERNAL PACE MAKER

	Defibrillator with External & Internal Paddles and External Pacemaker
1	**Description of Function**
1.1	Defibrillator is required for reviving the heart functions by providing selected quantum of electrical shocks with facility for monitoring vital parameters.
2.	**Operational Requirements**
2.1	Defibrillator should be Bi-Phasic
2.2	Should monitor ECG and display them properly
2.3	Should print the ECG on thermal papers
2.4	Should work on Manual and Automated external defibrillation (AED) mode. Manual energy selection 200J or more.
2.5	Should be capable of doing synchronized cardioversion
2.6	Can be operated from mains as well as battery
2.7	There should be provision to limit internal paddle defibrillation to 50Joules
2.8	Should have external pacing facility preferably with demand mode
3	**Technical Specifications**
3.1	Should be a Low Energy Biphasic defibrillator monitor with recorder, having capability to arrest all arrhythmia with **200** Joules or more
3.2	Should monitor ECG through paddles, pads and monitoring electrodes and Defibrillate through pads and paddles.
3.3	Should have biphasic technology in accordance with body impedance for a range of 20 Ω to 150Ω
3.4	Should have a built in 50mm strip printer
3.5	Should have charging time of less than **10** seconds for maximum energy
3.7	Should have external (Adult & Paediatric) and internal (Adult, Paediatric & Neonatal) paddles preferably with paddles contact indicator
3.8	Should have event summary facility for recording and printing at least 50 events and 50 waveforms.
3.9	Should have a battery capable of usage for at least 90 minutes or 20 discharges
3.10	Should be capable of printing Reports on Event summary, configuration, self test, battery capacity etc
3.11	Should have facility for self test/check before usage and set up function
3.12	Should have External non invasive pacing facility

3.13	Should be capable of delivering energy in increments of 1-2 joules up to 10J and increments of 5 to 20J upto 50J
4	**System Configuration Accessories, spares and consumables**
4.1	Defibrillator – 01 No
4.2	Paddles Adult External – **02 pairs**
4.3	Paddles – Pediatrics External – 02 pairs
4.4	Patient cables -02 Nos
4.5	ECG Rolls – 50 Nos
4.6	External Pacemaker cable – 02 Nos
4.7	External pacemaker stickon pads – 20 Nos
4.8	Internals Paddles (Adult, Pediatric and Neonatal) – 2 pairs each
5	**Environmental factors**
5.1	The unit shall be capable of operating continuously in ambient temperature of 10- 40 deg C and relative humidity of 15-90%
5.2	The unit shall be capable of being stored continuously in ambient temperature of 0 – 50 deg C and relative humidity of 15-90%
5.3	Shall meet IEC-60601-1-2:2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility.
6	**Power Supply**
6.1	Power input to be 180-270VAC, 50-60Hz
6.2	Reset table over current breaker shall be fitted for protection
7	**Standards, Safety and Training**
7.1	Should be FDA/CE or BIS approved product
7.2	Electrical safety conforms to standards for electrical safety IEC-60601-1 General Requirements and IEC-60601-2-25 Safety of Electrocardiograms. (OR EQUIVALENT BIS Standard)
7.3	Drop Test-Withstands 1 meter drop to any edge, corner or surface.
7.4	Should conform to international test protocols on exposure to shock forces and to vibration forces. The standards should be documented.
7.5	Should conform to international test protocols on exposure to shock forces and to vibration forces. The standards should be documented.
7.6	Should meet IEC 529 Level-2 (IP2X) for enclosure protection solid foreign object ingress.
7.7	Should meet IEC 529 Level 3 (IP3X) (spraying water) for enclosure protection, water ingress.
8	**Documentation**
8.1	User manual in English
8.2	Service manual in English
8.3	Certificate of calibration and inspection.

8.4	List of important spare parts and accessories with their part number and costing
8.5	List of Equipments available for providing calibration and routine Preventive Maintenance Support. As per manufacturer documentation in service/technical manual.
8.6	Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(07)M&E/12-02 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(07)M&E/12-02	**Intra Aortic Balloon Pump high End (CTVS,Cardio,Resp.)**	**2+2 +1**	**192,000.00**	***02.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(07)M&E/12-02	Intra Aortic Balloon Pump high End (CTVS,Cardio,Resp.)	**2+2 +1**	Double bid	192,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Equipment Specifications for IABP (Intra Aortic Balloon Pump) – High End

1. Description of Function

Intra-aortic balloon pump (IABP) is a mechanical device that is used to decrease Myocardial oxygen demand while at the same time increasing cardiac output. By increasing cardiac output it also increases coronary blood flow and therefore myocardial oxygen delivery.

2. Operational Requirements

2.1 Microprocessor/microcontroller based system. System should be complete with Display Control system and pneumatic drive unit.

3. Technical Specifications

3.1 Pneumatics:
Drive System: Stepper motor driven bellows
Drive gas-helium (available with disposable canister or refillable cylinder.
Pumping Volume: 0.5cc-50cc Counter pulsation rate: 40-200 pulsations per minute

3.2 In Automatic Mode: System should be capable of automatically selecting appropriate trigger i.e. ECG or Pressure and also accurately select the inflation and deflation points, in automatic mode. In automatic mode of operation user should be in control of the deflation point. In Automatic mode Advance software should automatically adapt the timings for various rhythms and rate variations, without any user intervention. In Automatic mode it should automatically identify Arrhythmias and adopt R wave deflation mode for better patient support, without any user intervention In Manual mode the system allows user control of most of the pump functions.

3.3 Should be able to trigger on 7 mm Hg of Pulse pressure when used in Pressure Trigger mode

3.4 Single key start-up to make it fast, user friendly and easy to use

3.5 Should be able to display at least 3 wave forms as ECG, Invasive Pressure and Balloon Pressure wave form & Pace maker spikes if paced.

3.6 Large display for brighter and very good visibility from a distance in lighting conditions

3.7 On screen indication for Helium level in the cylinder and battery level for timely intervention and correction.

3.8 ECG inflation marker to indicate inflation period on ECG which can be useful when arterial pressure form is not available.

3.9 On screen indication of standby time and should give alarm after 15-30 minutes, to draw users attention on the system being on standby

3.10 System should be approved for use on Pediatric patients and Pediatric balloons should be supplied with the system

3.11 IABP to function without any disturbance, when cautery is used on patient; when on ECG trigger mode.

3.12 Optical Blood leak detect for early indication of blood coming into the balloon lumen due to IABP leak

3.13 Should have extensive Help Text available during startup to make the system easy to use even for new users.

3.14 Should give extensive Help messages to correct the alarm conditions that are specific to the alarm condition. This should help the user to overcome the alarm problems immediately and with ease.

3.15 Should be capable of removing condensation automatically without user intervention and should be maintenance free.

3.16 Should have Peripheral Vascular Doppler for detecting limb ischemia, which is attached to the main equipment

3.17 Should have automatic Altitude correction to make it safer for the use during Air Transport

3.18 Should have software which allows the user to monitor the IABP from any remote location via a modem

3.19 In-built Comprehensive Service Diagnostics to help the technician to locate the fault immediately

3.20 Should have capability to connect on the Hospital network

3.21 Integrated Printer OR Chart recorder to print the reports

4. **System Configuration Accessories, spares and consumables**

4.1 System as specified-

4.2 System should be supplied with the following:
ECG cable with Refillable Helium cylinder Compatible with the IABP system
Qty:3 Nos

4.3 Intra Aortic Balloon Catheter for Adults, Size: 40cc Qty:2 Nos
Intra Aortic Balloon Catheter for Adults, Size: 30cc Qty:2 Nos

Reusable Invasive Blood pressure transducer system with pressure flush device system. Qty:2 Nos

5 **Environmental factors**

5.1 Shall meet IEC-606001-1-2:2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility. Or should comply with 89/366/EEC;EMC directive.

5.2 The unit shall be capable of being stored continuously in ambient temperature of 0-40 deg C and relative humidity

5.3 The unit shall be capable of operating continuously in ambient temperature of 10-40 deg C and relative humidity of 1-90%

6. Power Supply

6.1 Power input to be 170-270 V AC,50Hz fitted with Indian plug

6.2 On line UPS of suitable rating with voltage regulation and spike protection for 60 minutes back up

7. Standards, Safety and Training

7.1 Should be FDA/CE/UL or BIS approved product

7.2 Manufacturer/Supplier should have ISO certification for quality standards.

8 Documentation

8.1 User/Technical/Maintenance manuals to be supplied in English

8.2 Certificate of calibration and inspection

8.3 Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.

8.4 List of Equipments available for providing calibration and routine maintenance support as per manufacturer documentation in service/technical manual

8.5 List of important spare parts and accessories with their part number and costing.

9 Should have 5 years guarantee + 5 years comprehensive warranty.

10 Company should make sure that after getting the complaint that instrument is non functional/malfunctional (telephonically or else) instrument must be functional within 24 hours and this period should be deducted from the warranty period or the company will provide the replacement of same or higher configuration equipment.

11 Demonstration is a must.

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(07)M&E/12-03 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(07)M&E/12-03	**Heart Lung Machine**	**1**	**160,000.00**	***02.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

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(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(07)M&E/12-03	Heart Lung Machine	**1**	Double bid	160,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

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The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

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Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

TECHNICAL SPECIFICATIONS OF HEART LUNG MACHINE

1. DESCRIPTION :

Heart Lung Machine is an apparatus through which blood is temporarily diverted, during heart surgery, to oxygenate it and pump it throughout the body, thus maintaining circulation until the heart and lungs are able to return to normal functioning.

2. Technical Specifications:
   a) The unit should have 5 pumps and can be used as arterial, two suction, vent and cardioplegia with separate power supply and control modules. Should have easy access connectors for interchanging the pump. Should have integrated centrifugal pump facility.
   b) The design of pump must be horse shoe race way design and the pumps should have direct drive system and maintenance free. All the pumps should have pulsatile mode in built. Each module should work its own.
   c) Each head should be controlled individually and rotatable in different direction with master-slave control.
   d) Should have a spill proof base.
   e) The quoted model should be of latest generation.
   f) The unit should be supplied with a battery back up of minimum of 90 minutes for all the pumps. Switch over from main power to battery backup should be automatic and immediate. The battery unit should be built in to the pump base and it should be recharged automatic and immediate.
   g) Should have unidirectional hand crank facility as a critical safety feature hand crank loading should be from top for faster access.
   h) Accuracy: pump head raceway accuracy should be 0.03mm, occlusion accuracy should be-0.03mm, occlusion rollers accuracy should be-0.015mm & maximum flow upto 16.2 LPM should be there.
   i) Occlusion: should have Thump wheel locking Mechanism.
   j) Monitors: Pressure monitor (2), Timers (3), Temperature Monitor (4) and all the monitors should be touch screen.
   k) Pressure Sensor should have 2 modes – Stop Mode & Control Mode.
   l) Cardioplegia module should have both Manual as well as Automatic operation.
   m) Should be provided with mechanical gas blender.
   n) Should be provided with Level Sensor and air Bubble sensor.
   o) Bubble Sensor should have different bubble detection thresholds and should also have micro-bubble detection function.
   p) Level sensor should be with 2 modes – Normal & Control Mode.
   q) Must have Master UPS – shows all the details like Battery time, Load time & Remaining time. Should have BSA Calculation.
   r) The machine should start within 5 seconds.
   s) Should be provided with venous line clamp and it should be of light weight design and can be placed near venous reservoir without any support.
   t) Pumps should run on medically Safe voltage (24 V DC)
3. HEATER COOLER MACHINE
   a) The unit shall be capable of operating continuously in ambient temperature of 2 - 40.5 degree Celsius.

b) The unit should have 3 independent tanks and 3 separate circuits and these circuits should be able to control patients' temperature and also heating and cooling of cardioplegia and should work simultaneously.
c) The accuracy should be 0.1 C. Settings should be adjustable to 0.1
d) The heater cooler unit should also be compatible to get integrated into the heart lung machine and can be controlled from heart lung machine apart from remote control.

Both the heart lung machine & heater cooler machine should be of same principal company.
Both the heart lung machine & heater cooler machine should be US FDA & European CE approved.

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(07)M&E/12-04 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(07)M&E/12-04	**Plasma/Non Plasma Sterilizzer**	**1**	**100,000.00**	***02.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

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(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

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CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(07)M&E/12-04	Plasma/Non Plasma Sterilizzer	**1**	Double bid	100,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

LOW TEMEPRATURE GAS Plasma/ Non-Plasma H2O2 STERILIZER

1. Specification for low temperature H2O2 Plasma/ Non-Plasma Gas Sterilizer.
2. Should provide simple and fast sterilization of medical devices at low temperature using Hydrogen Peroxide with Plasma/ Non-Plasma sterilization technology without any need to have additional Dryer Machine.
3. Should be suitable for sterilization of medical devices like flexible endoscopes, rigid endoscopes- both single channel and dual channel and non-lumen, metal, non-metal heat & moisture sensitive instruments, like defibrillator paddles etc.
4. Should have US-FDA and European CE Certification.
5. Usable Rectangular chamber having volume of minimum 120 liters. Should have removable shelf for keeping big load with single or two microprocessor controlled doors.
6. Sterilization temperature should not be more than 50 deg C ± 5 deg C.
7. Should have min. two selectable pre programmed sterilization cycles for different types/ quantity of lumen and non-lumen loads with max. sterilization time not more than 50 min. ± 5 min.
8. Should be environment friendly and have no toxic by products or harmful residues and should have approval of US Environmental Protection Authority to guarantee its non-harmful feature, as in India we do not have any data yet to be sure on its impact on our environment.
9. Should have inbuilt Printer and touch screen colour LCD display for controlling & monitoring the sterilization process. Should have facility to store/ upload data on Ethernet/ USB post for sterilization cycle records for recall & printing.
10. Should be easy to install without any civil/ plumbing work and should be mobile on wheel for each movements. Should conform to international safety & quality standards ISO 13485, US-FDA and European CE.
11. Sterilization should be validated using US-FDA and European CE approved Chemical Indicators and Self Contained Biological indicators with 24 hour read out time.
12. Should be able to run on Electricity 50 Hz three phase 20A/415V.Shall meet IEC-60601-1-2 :2001 General Requirements of Safety for Electromagnetic Compatibility or should comply with 89/366/EEC; EMC-directive.
13. Training to the OT staff has to be provided on site for satisfactory functioning of the sterilizer.
14. Should provide 5 years comprehensive warranty followed by 5 years comprehensive annual maintenance contract.
15. Each Sterilizer should be supplied complete with accessories like One no. six Vial incubator (220V), 6 no.s instrument trays and matching instruments tray mats of three different sizes with Lids, One no. rotary sealing machine with LCD display (220V) and suitable one no. Packing Table with storage space for consumables etc.
16. Should quote for tender bill of quantity as mentioned below for consumables and making machine fully functional initially on start-up for next 1200 cycles (average four cycles per day for min. 300 working days in a year) with good shelf life of minimum 12 months:
    - H2O2 Sterilant 59% - prefilled double sealed Bar coded for good validity, Cassette or Cup= for 1200 cycles
    - Chemical Indicator Strip (for putting inside single item packs)= 24,000 strips
    - Chemical Indicator marked Record keeper (Tyvek card) (for putting inside large pack of many items)= 1200 cards
    - Biological Indicator (Validation in 24hrs and US-FDA and European CE approved) Vials = 1200 no.s
    - Packaging Rolls (with Dupont Tyvek) in Rolls sizes of 3" , 4" and 6" all minimimum 20 rolls of each size
    - Packaging Rolls (with Dupont Tyvek) in Rolls Large size 9" and 14" = minimum 12 rolls of each size
    - Polypropylene Sterilization Wrap Sheets (non-woven cloth) Size 120cmx120cm = 2400 sheets
    - Printer paper and Printer Ink cartridges minimum Two each.
17. Rates of all consumables to be also mentioned with validity for 3 years for future purchase by the users, as and when required.
18. The offer should be supported with Printed Catalogue of the firm for main equipment and each accessory and consumables confirming it certification on quality.
19. The supplier must furnish satisfactory service report for about two or more users.
20. Should have service centre in NCR Delhi with ready availability of spares within 48 hours.
21. Demonstration is a must.

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(07)M&E/12-05 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(07)M&E/12-05	**ICU Monitor 8 Channel with 3 invasive BP**	**5**	**50,000.00**	***02.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(07)M&E/12-05	ICU Monitor 8 Channel with 3 invasive BP	**5**	Double bid	50,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

EQUIPMENT SPECIFICATION FOR ICU MONITOR EIGHT CHANNEL WITH 3 INVASIVE BP

It should provide complete monitoring solution to meet the requirement of wide spectrum monitoring needs of critically ill patient

1. Operational Requirements

1.1 ICU should comprised of monitors at the bedside/O.T. and with one slave monitor.
1.2 Capability of storage of patient data and printing of patient reports.
1.3 Demonstration of the equipment is a must.

2. Technical Specifications

2.1 Minimum 15 inches multicolored TFT display screen.
2.2 Separate CPU/Module rack.
2.3 Eight digital and waveforms/traces display.
2.4 Combination of single, dual and multiparameter modules.
2.5 Parameter modules freely exchangeable between all the monitors.
2.6 Multichannel (upto 12 leads) ST segment analysis.
2.7 ECG, Respiration, Spo2, SvO2, NIBP, Co2, IBP (3 wave form), BIS, Gas, NMT (TOF), Temp, Cardiac output, EEG, Flow/Paw, IcPCo2 & ICP. (Three invasive BP with waveform)
2.8 Automatic arrhythmia detection & alarm for standard and lethal arrhythmia.
2.9 EtCO2 – main stream/side stream. Display both inspired and expired values, showing capnography.
2.10 NMT Module/monitor: For measurement and display of TOF count, TOF %, ST, DBS, Tetanic and Trend for continuous usage. Automatic measurement facility in selected time interval. Automatic selection of supramaximal current. Include standard accessories.
2.11 EEG Module with all accessories.
2.12 BIS and entropy with all accessories.
2.13 Central station for bedside monitors with independently controlled. 17" multi colour TFT Monitor, complete with Ethernet LAN cabling, alarm management, 72 hours trending, bed to bed viewing of waveforms and remote alarm management like silencing of alarms etc. (Optional)
2.14 Should provide hemodynamic, oxygenation, Ventilation calculation package.
2.15 Should have drug calculation package.
2.16 Trend of at least 48 hours.
2.17 200 nos. event recall/snapshot facility both manually and automatically triggered by alarm.
2.18 Automatic Zoom In facility in the monitor display.
2.19 The monitors should have monitor to monitor overview facility and data transfer over the network.
2.20 Web browsing facility to review each networked monitors data through hospital LAN via office PC in Hospital LAN Network and / or through Dial up facility from remote location (optional)
2.21 a) slave monitors-21 inches in ICU – one per central station
b) Battery back up of upto 3 hours. When fully charged.
2.22 Communications with information management systems:
a) To provide HL-7 compatible server for sending and receiving information to and from the monitoring network to and from Hospital Information system, Laboratory information etc for integration of various information (optional).

b) To provide suitable facility for sending and receiving DICOM Compatible Radiological Images like Ultrasound, X-ray etc to and from the monitoring network to and from Hospital Information System, Radiology Information System etc for integration of various information (optional).

3. System Configuration Accessories, spares and consumables

3.1 ECG/Resp : 5 Lead ECG Cable with clip-2 sets per monitor and 10 Lead ECG Cable with clip-1 set per monitor.
3.2 NIBP : Adult cuff –f 2 nos. per monitor and two sizes of pediatric cuffs – one per monitor (complete sets)
3.3 SpO2 : Adult SpO2 sensor with cable – two nos. per monitor and pediatric Spo2 sensors – one no. per monitor.
3.4 IBP : Include four nos. per monitor of reusable pressure transducer with bracket, holder and 100 nos. disposable domes per monitor.
3.5 BIS Electrode & Cable – one per monitor
3.6 EEG Electrode & Cable - one per monitor
3.7 C.C.O Cable with accessories - one per monitor
3.8 NMT Electrode - one per monitor
4. Include laser printer and dual channel strip chart recorder
5. Warranty 2 years
6. AMC for 5 years
7. US FDA & CE Certified

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(07)M&E/12-06 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(07)M&E/12-06	**Single Chamber Temporary Pacemaker**	**6**	**18,000.00**	***03.07.12***	***10.30 a.m.***	***Single bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(07)M&E/12-06	Single Chamber Temporary Pacemaker	**6**	Single bid	18,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

SPECIFICATIONS FOR SINGLE CHAMBER TEMPORARY PACEMAKER

SINGLE CHAMBER TEMPORARY PACEMAKER MODEL

FEATURES

1. Easy Operation – a) Intuitive operation for ease of use
   b) Reversible battery polarity for quick battery change
   c) Easy attachment to patient bed, or IV pole

2. Expanded Therapy Options – increased sensitivity range (0.5 to 20 mV)
3. Rapid atrial pacing to manage atrial flutter
4. Safe and Reliable: Safety awareness ranges to alert clinician to areas of caution
5. New, Safer patient cable system for increased patient safety
6. SPECIFICATIONS:

a)	Mode		:	VVI, VOO, AAI, AOO
b)	Basic Pacing Rate		:	30-180 ppm (Continuously adjustable)
c)	Rapid Atrial Pacing Rate		:	80-380 ppm (5ppm increments)
			:	380-540 ppm (10ppm increments)
			:	540-800 ppm (20ppm increments)
d)	Output Amplitude		:	0.1-20 mA, (Continuously adjustable)
e)	Pulse Width		:	1.8 ms
f)	Sensitivity		:	0.5-20 mV (Continuously adjustable) ASYNC
g)	Refractory		:	250 ms
h)	Blanking :	Pace	:	125 ms
		Sense	:	75 ms
i)	Battery Type		:	Standard 9V, Alkaline or Lithium

7. Should have 5 years guarantee + 5 years comprehensive warranty.
8. Company should make sure that after getting the complaint that instrument is non functional / malfunctional (telephonically or else) instrument must be functional within 24 hours or the company will provide the replacement of same or higher configuration equipment.
9. Demonstration is a must.
10. Should be US FDA & CE approved.

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(07)M&E/12-07 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(07)M&E/12-07	**Dual Chamber Temporary Pacemaker**	**1**	**3,000.00**	***03.07.12***	***10.30 a.m.***	***Single bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(07)M&E/12-07	Dual Chamber Temporary Pacemaker	**1**	Single bid	3,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

SPECIFICATIONS FOR DUAL CHAMBER TEMPORARY PACEMAKER

1) Should have three dials for adjustment to provide for effective pacing in most of the clinical situations encountered.
2) Should have the facility for changing the pacingrate with automatic adjustment of the A-V interval, upper rate, and PVARP during dual chamber pacing.
3) Should have the facility for providing a quick response in emergency situations by just pressing a single key.
4) Should offer facility for packing rate upto 200 ppm especially for paediatric applications.
5) Should have facility for enhancing the ventricular output to 25 mA for high stimulation thresholds.
6) Should have the facility for rapid atrial pacing rate upto 800 ppm for management of atrial flutter.
7) Should be quoted with patient cables without exposed connector pins.
8) Should have the facility for 15 seconds continued operation even after battery removal.
9) Should offer high resolution LCD screen with backlighting for better visibility/clarity.
10) Should have the following facilities.
    (A) Mode DDD,DDI,DVI,DOO,AAI,AOO,VVI,VOO
    (B) Basic pacing rate : 30-200 ppm
    (C) Upper rate : 80-230 ppm
    (D) Rapid atrial : 80-800 ppm
    (E) Output amptitude : Atrial 0.1-20 mA
    Ventricular : 0.1-25 mA
    (F) Pulse width : Atrial 1.0 ms
    Ventricular : 0.1-25 mA
    (G) Sensitivity : Atrial 0.4-10mV, async.
    Ventricular : 0.8-20 mV, async.
    (H) A-V Interval : 20-300 ms
    (I) Refractory period : Atrial 150-500 ms
    Ventricualr 250 ms
    (J) Ventricular blanking : Pace 125 ms
    Sense 75 ms
    (K) Battery type : Standard 9V, Alkaline/Lithuim-ion
    Battery life : Alkaline around 9 days
    Lithuim-ion around 16 days
    Height : 18-24 cms (7.1”-9.5”)
    Width : 6.5-9.5 cms (2.6”-3.75”)
    Depth : 2.5-5.5 cms (1”-2.2”)
    Weight : 450-600 gms

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(07)M&E/12-08 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(07)M&E/12-08	**Coronary Instruments**	**4 set**	**192,000.00**	***03.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(07)M&E/12-08	Coronary Instruments	**4 set**	Double bid	192,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

SPECIFICATION FOR CORONARY INSTRUMENTS SET

NEEDLE HOLDER:

S.NO	SPECIFICATIONS	QTY
1.	Castroviejo Micro Needle Holder, flat handle with ratachet, straight DIAMOND DUST jawas, regular box lock, 5-3/4"/11.5 cm. (Recommended suture size: 5-0 and smaller)	2 Nos.
2.	Jacobson Micro Needle Holder, flat handle with ratachet, straight DIAMOND DUST jawas, regular box lock, 6-3/4"/17 cm. (Recommended suture size: 5-0 and smaller)	2 Nos.

FORCEPS:

S.NO	SPECIFICATIONS	QTY
1.	**Dennis Micro Forceps, round handle 1 mm straight (DIAMOND DUST ring tips 7-1/4/18.5 cm counter balanced**	**2 Nos.**
2.	**Micro Forceps light weight round handle 1 mm Debakey tips 8-1/4"/21**	**1 Nos.**
3.	**Micro Forceps light weight round handle 1 mm Debakey tips 7-1/8"/18.1 cm**	**1 Nos.**
4.	**Dennis Micro Forceps round handle 1 mm Debakey tips 7"**	**1 Nos.**
5.	**Dennis Micro Forceps round handle 1 mm Debakey tips 8-1/4"/21 Counter balanced**	**1 Nos.**
6.	**Gerald Forceps, flat handle, 1 mm serrated tips, 7"/18 cm**	**1 Nos.**
7.	**Gerald Forceps, flat handle, 1 mm serrated tips, 7-3/4"/19.5 cm**	**1 Nos.**

SCISSORS:

S.NO	SPECIFICATIONS	QTY
1.	**Jacobson Micro Scissors, spring style round handle 45 deg angles nano blades, 6-3/4"/17 cm**	**2 Nos.**
2.	**Jacobson Micro Scissors, spring style, round handle 125 deg angled micro fine blades, 6-1/2"/16.5 cm**	**1 Nos.**
3.	**Jacobson Micro Scissors, spring style, round handle 25 deg angled micro fine blades, 6-3/4"/17 cm**	**1 Nos.**

4.	**Jacobson Micro Scissors, spring style, round handle 125 deg angled micro fine blades, 6-1/2"/16.5 cm**	**1 Nos.**
5.	**Jacobson Micro Scissors, spring style, round handle 60 deg angled micro fine blades, 6-3/4"/17 cm**	**1 Nos.**
6.	**Jacobson Micro Scissors, spring style, flat handle 45 deg angled micro fine blades, 6-1/2"/1.5 cm**	**1 Nos.**
7.	**Jacobson Micro Scissors, spring style, flat handle 60 deg angled fine blades, 6-1/2"/16.5 cm**	**1 Nos.**
8.	**Jacobson Micro Scissors, spring style, flat handle 25 deg angled fine blades, 6-1/2"/16.5 cm**	**1 Nos.**

CLAMPS:

S.NO	SPECIFICATIONS	QTY
1.	**Titanium Lambert-Key Aorta Clamp, 3 cm atraumatic jaws, 8**	**1 Nos.**
2.	**Titanium Debakey clamp, 10 cm straight jaws, 12"/30.5 cm**	**1 Nos.**
3.	**Titanium Micro Needle Holder ring handle straight DIAMOND DUST jaws, 7-1/4"/18.5 cm**	**1 Nos.**

RETRACTORS:

S.NO	SPECIFICATIONS	QTY
1.	**Modular I.M.A. etractor with provision to attach sternum blades or Lateral Thoracic Blades**	**1 Nos.**

Should be US FDA & European CE approved

Should have 5 years guarantee + 5 years comprehensive warranty

Company should make sure that after getting the complaint that instrument is non functional / malfunctional (telephonically or else) instrument must be functional within 24 hours and this period should be deducted from the warranty period or the company will provide the replacement of same or higher configuration equipment.

Demonstration is a must.

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(07)M&E/12-09 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(07)M&E/12-09	**Vascular Clamps**	**6 sets**	**144,000.00**	***03.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(07)M&E/12-09	Vascular Clamps	**6 sets**	Double bid	144,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

VASCULAR CLAMP SET- 6 SETS

1. Micro clamp, Debakey Jaws(Titanium)-6mm jaw, angled shank, 14mm Jaw, length 4-1/8”/10.5cm- 1No.
2. Micro clamp, Debakey Jaws(Titanium)-6mm jaw, angled shank, 22mm Jaw, length 4-3/8”/11.2cm- 1No.
3. Micro clamp, Debakey angled Jaws(Titanium)-60deg angled jaw, angled shank, 23mm Jaw, length 4-1/8”/10.5cm- 1No.
4. Micro clamp, Debakey angled Jaws(Titanium)-60deg angled jaw, angled shank, 30mm Jaw, length 4-1/4”/11 cm- 1No.
5. Micro clamp, Debakey straight Jaws(Titanium)- straight shank, 30mm Jaw, length 4-3/4”/12 cm- 1No.
6. Casteneda clamp, cooley Jaws (Titanium)-70 deg angled Jaws,4-3/4”/12 cm - 1No.
7. Beck infant Aorta Clamp,Debakey Jaws (Titanium)- 6-1/2”/16.5 cm.- 1No.
8. Kay Aorta Clamp,3cm Debakey Jaws (Titanium)-8”/20 cm.- 1No.
9. Lambart- Kay Aorta Clamp,3cm Debakey Jaws (Titanium)-8”/20 cm.- 1No.
10. Vascular clamp, 8cm Jaws, 2X3debakey wide jaw (Titanium) – 11”/28 cm
11. All instruments should be US FDA approved & European CE approved
12. Demonstration is a must.

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(07)M&E/12-10 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(07)M&E/12-10	**Steam Sterilizer for O.T.**	**1 set**	**50,000.00**	***03.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(07)M&E/12-10	Steam Sterilizer for O.T.	**1 set**	Double bid	50,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Q-1(07)M&E/12-10

STEAM STERILISER for OT

- Microprocessor controlled steam under pressure , free standing sterilizer /autoclave having double jacketed rectangular, approx. 100 Litres (16"x16"x26") 316L /316Ti grade st.steel chamber .
- The Sterilizer having adjustable each cycle time of less than 60 minutes
- Having single Vertical Sliding door (constructed of 316L St.Steel) with foot pedal activated door opening and closing ,
- Having durable non-lubricated steam activated door seal(gasket)
- Autoclave should also be able to perform Bowie & Dick test and vacuum leak test.
- Automatic cycling & drying and indicating completion both, visually and audibly.
- Equipped with 121 degree C pre-vacuum; 134degreeC Flash/Express cycles , 134 degree Pre-Vacuum.
- Having electronic water saving control –must have condenser ,condensing the exhaust chamber steam to acceptable temp. as per environmental favorable good practices with excellent drain system preventing pollutants to enter water supply.
- Having touch sensitive screen with LED/LCD controls with battery back-up and digital thermal printer as standard for records keeping.
- Having inbuilt Electric Vacuum pump and Steam Generator .
- Electric steam generator providing quality steam i.e. condensate free , 97 to 100% saturated vapour complete with piping ; valves and pressure relief etc. delivery at 50 to 80 psig pressure
- Extra air compressor , if required should be offered additionally .
- The panel should include various pressure & temperature display for depiction of actual pressure/ temperature in chamber, jacket and on gasket.
- Water consumption should be minimum with electronic water saving controls
- Electrical Service – 440 V,50 Hz, 3phase
- Accessories to include: -Loading Cart & Carriages and to test autoclave integrity provide Bowie Dick Test packs -20 no.
- Firm should also supply and give individual prices for Sterility assurance Products for approx. one year use/300 cycles : i.e, Biological indicators -300 no., Incubator for Bio-Indicator -1 no. , Multi variable indicators (MVI) – 1000 No.s ; Chemical indicators TST Emulating - 1000 No.s , Autoclave Tapes -100 rolls
- Firms to inspect site, if considering poor water quality at site , must provide R.O water system with each unit.
- Standard: Conforming to FDA and ASME Pressure Vessel and others e.g. UL-61010 /CE/ CSA etc.
- The manufacturing firm should have spares availability in India and must have own trained service engineers based in Delhi.
- Should be USFDA and European CE approved and demonstration is must.

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(08)M&E/12-01 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(08)M&E/12-01	**OT Head Light**	**3**	**27,000.00**	***04.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(08)M&E/12-01	OT Head Light	**3**	Double bid	27,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Specification for O.T. Head Light

- Should be Xenon light source – 300 watts
- Should be bulb warranty of 1000 Hrs. minimum (to be mentioned in catalogue)
- Should be 15 % brighter light than other light available of same range
- Should be Smart fan technology to runs quieter and cooler
- Should be LCD screen to see lamp intensity, system hours and system diagnosis
- Should be Stand by button to save lamp hours by automatically shutting off lamp after 15 minutes in stand by mode
- Should be digitally controls light intensity in accurate 5 % increments
- Head band should be ultra lite in weight with occipital basket type
- Should be cranial support pad in head band for further comfort
- Head band should be 3 point support system for comfortable stability
- Head band should be extended linkage for better vertical alignment with surgical loupes
- Should be light weight and flexible 3 mm bifurcated design cable to allow weight distribution and balance
- Should be translucent cable to provide visualization of fiber integrity
- Should be supplied with original stand of light source
- Warranty – 2 years and AMC for next 5 years
- Should be US FDA & European CE approved

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(08)M&E/12-02 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(08)M&E/12-02	**Rectangular Sterilizer**	**1**	**50,000.00**	***04.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(08)M&E/12-02	Rectangular Sterilizer	**1**	Double bid	50,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Technical specification for sterilizer (Autoclave)
Size minimum-800 Liters

1) The Autoclave should be able to sterilize wrapped/unwrapped instruments, linen, glassware autoclaveable rubber by moist heat (steam).

2) Standard operation must be automatic. The system should have in addition provision for manual operation control system in order to facilitate maintenance and opening of door in case of power failure.

3) The chamber shall have horizontal/rectangular design with automatic single hinged door, a trolley, a carriage. The chamber shall be provided with two rail for movement of carriage.

4) The chamber, door and jacket, pipes and valves in touch with steam should be made of heavy duty AISI 316 Ti stainless steel. Certificate of the steel quality must be provided by the manufacturer.

5) The frame, main contraction parts and external covers should be made of AISI 304 stainless steel.

6) All the pipes should be insulated with indicators of warm and cold pipes by different colors.

7) Working pressure from 1.2 to 2.1 Kgcm² (20 psi to 30 psi).

8) Electrically operated 36 KW in built electric steam generator with low water cut out, water level indicator.

9) Voltage: - 400v/440v, 3 phase 50 Hz.A.C. supply.

10) Electric current overload relay and contractor for vacuum pump & also there should be at least 120mm thick glass wool insulation or equivalent on chamber covered by steel sheets for easy cleaning.

11) High efficiency vacuum pump for air removal for excellent steam penetration.

12) Post sterilization vacuum drying to ensure load is dry on unloading.

13) Microprocessor controlled system which is mounted away form exposure to steam and heat. There should be facility to save sterilization cycle in the memory of steam sterilizer, capable to store at least 25,000 sterilization cycles.

The sterilizer should have minimum 10 inches touch screen display for pre-select program information. The information must include cycle stage, chamber temperature, jacket pressure & information about failure and interruption.

Control must document the following cycle alarms:-

a. Low temperature/pressure alarm

b. High temperature/ pressure alarm

c. The system is provided with real time printer to print during the progression of cycle such as time, date, load number operator etc. Failure of the system is indicated by audio-visual alarm and print out documenting complete message.

14) **Door:**

a. Control lock out switch in the door that prevent starting a cycle, if the door not closed and locked appropriately.
b. Mechanical steam pressure lock; chamber pressure should activate a mechanism engaging the lock mechanism which prevent the operator from opening the door if pressure exists in the chamber.

15) The sterilizer should be supported on steel stand appropriately coated for protection against corrosion.

16) **Quality standard:**

ISO 9001: 2000 and
93/42 EEC & 97/23/EEC or EN285 or USFDA

17) Company should place the tender bid with 2 years warranty & 5 years CMC rates.

18) List of at least 3 users along with performance report of the quoted model from a Govt. Hospital.

19) On site training of CSSD staff for operation of the equipment at the time of installation.

20) The operating manual/brochure to be provided.

21) Inspection and physical demonstration of the quoted model if required.

22) After installation machine should be checked by biological indicator & Bowi Dick test before giving satisfactory installation report.

23) Cost of installation should be born by the company.

24) The manufacturing firm should have spares availability in India and must have own trained service engineers based in Delhi NCR.

Accessories

- Sterilization trays (All in stain less steel 304, for the model supplied)
- Carriage (All in stain less steel 304, for the model supplied)
- Transfer trolley (All in stain less steel 304, for the model supplied)
- Air compressor
- Thermograph for documentation
- Water softener plant

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(08)M&E/12-03 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(08)M&E/12-03	**Bulk Sterilizer 1000 to 1100 Lt.**	**1**	**90,000.00**	***04.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(08)M&E/12-03	Bulk Sterilizer 1000 to 1100 Lt.	**1**	Double bid	90,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Technical specification for Steam Sterilizer (Autoclave)
Size minimum-1000 Liters

1) The Autoclave should be able to sterilize wrapped/unwrapped instruments, linen, glassware autoclave able rubber by moist heat (steam).

2) Standard operation must be automatic. The system should have in addition provision for manual operation control system in order to facilitate maintenance and opening of door in case of power failure.

3) The chamber shall have horizontal/rectangular design with automatic single hinged door, a trolley, a carriage. The chamber shall be provided with two rail for movement of carriage.

4) The chamber, door and jacket, pipes and valves in touch with steam should be made of heavy duty AISI 316 Ti stainless steel. Certificate of the steel quality must be provided by the manufacturer.

5) The frame, main contraction parts and external covers should be made of AISI 304 stainless steel.

6) All the pipes should be insulated with indicators of warm and cold pipes by different colors.

7) Working pressure from 1.2 to 2.1 Kgcm² (20 psi to 30 psi).

8) Electrically operated 36 KW in built electric steam generator with low water cut out, water level indicator.

9) Voltage: - 400v/440v, 3 phase 50 Hz.A.C. supply.

10) Electric current overload relay and contractor for vacuum pump & also there should be at least 120mm thick glass wool insulation or equivalent on chamber covered by steel sheets for easy cleaning.

11) High efficiency vacuum pump for air removal for excellent steam penetration.

12) Post sterilization vacuum drying to ensure load is dry on unloading.

13) Microprocessor controlled system which is mounted away form exposure to steam and heat. There should be facility to save sterilization cycle in the memory of steam sterilizer, capable to store at least 25,000 sterilization cycles.

The sterilizer should have minimum 10 inches touch screen display for pre-select program information. The information must include cycle stage, chamber temperature, jacket pressure & information about failure and interruption.

Control must document the following cycle alarms:-

a. Low temperature/pressure alarm
b. High temperature/ pressure alarm

c. The system is provided with real time printer to print during the progression of cycle such as time, date, load number operator etc. Failure of the system is indicated by audio-visual alarm and print out documenting complete message.

15) **Door:**

a. Control lock out switch in the door that prevent starting a cycle, if the door not closed and locked appropriately.
b. Mechanical steam pressure lock; chamber pressure should activate a mechanism engaging the lock mechanism which prevent the operator from opening the door if pressure exists in the chamber.

15) The sterilizer should be supported on steel stand appropriately coated for protection against corrosion.

16) **Quality standard:**

ISO 9001: 2000 and
93/42 EEC & 97/23/EEC or EN285 or USFDA

17) Company should place the tender bid with 2 years warranty & 5 years CMC rates.

18) List of at least 3 users along with performance report of the quoted model from a Govt. Hospital.

19) On site training of CSSD staff for operation of the equipment at the time of installation.

20) The operating manual/brochure to be provided.

21) Inspection and physical demonstration of the quoted model if required.

22) After installation machine should be checked by biological indicator & Bowi Dick test before giving satisfactory installation report.

23) Cost of installation should be born by the company.

24) The manufacturing firm should have spares availability in India and must have own trained service engineers based in Delhi NCR.

Accessories

- Sterilization trays (All in stain less steel 304, for the model supplied)
- Carriage (All in stain less steel 304, for the model supplied)
- Transfer trolley (All in stain less steel 304, for the model supplied)
- Air compressor
- Thermograph for documentation
- Water softener plant

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(08)M&E/12-04
Dated

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(08)M&E/12-04	**3D & Motion Analysis system**	**1**	**190,000.00**	***04.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(08)M&E/12-04	3D & Motion Analysis system	**1**	Double bid	190,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Q-1(08)M&E/12-04

TECHNICAL SPECIFICATIONS for 3D MOTION ANALYSIS:

Ser No.	Items	A/U
1.	3D MOTION ANALYSIS SYSTEM UTILISING HIGH SPEED VIDEO CAMERAS	01 No
Technical Specifications		
(a)	High Speed Video Camera	
	- A minimum of 4 high speed video cameras are required. - Cameras must record visible color video on each camera of the system - Cameras should have 1/2" CCD sensor color, progressive scan	
	- Cameras should have at least 640 x 480 Pixel resolution.	
	- Should be capable of min 120 fps at full resolution. - Video data from each camera at full resolution and speed must be written in realtime directly to the hard disks of the PC - Cameras must be powered and synchronized with one cable coming from a central calibration box - Synchronization should not be done with a ring circuit - Camera should transfer complete video package via two Gigabit Ethernet cables to PC	
	- Should support software synchronization if the source images are not synchronized by hardware trigger.	
	- Should be supplied with Camera lenses with zoom focal length minimum 5-10mm - Lenses must be C Mount	
	- Should be supplied with only one synchronization box for the camera synchronization and synchronization and recording for other devices and analogue systems.	
	- Should works in daylight conditions	
	- Should have easy camera orientation through visual feedback on each camera of the systems	
	- Should be portable and capable of fully functioning indoors and outdoors with tripod stands and other operating accessories.	
(b)	Computing Hardware	
	- Should be supplied with high speed LCD Monitor workstation with individual hardware configuration, Microsoft Operating System - At least 6 harddisks and 6 GigE Boards	
	- Should be supplied with keyboard, optical mouse, UPS and CVT.	
(c)	Software	
	- The software should allow extraction of 3D marker trajectories, joint angles, gait parameters such as stride length, stride time, stance-swing ratio etc.	
	- Software should be fully integrated with various hardware components.	
	- Video analysis should be done using video mix, overlay and video split to create new videos.	

Ser No	Technical Specifications
	- Should be fully integrated video based motion capturing unit for every kind of movement analysis
	- Should support automatic 2D/3D tracking based on blob extraction and pattern matching on color video
	- Should be able to track all visible features in the image sequences from blob tracking and correlation based tracking.
	- Should support laser calibration for large room set-up.
	- Should support frame calibration
	- Should calibrate cameras for the use with panning, tilting and zooming during capture for large movement area.
	- Should support heterogeneous camera models, different frame rates, as well as, fixed or moving cameras and standard PCs.
	- Should integrate off the shelf hardware which can be bought bought from local suppliers
	- Should have ability to perform manual color based marker tracking on each camera of the system
	- Should have ability to perform automatic and semi-automatic tracking with color based marker tracking on each camera of the system.
	- Should have ability to perform automatic markerless object tracking on each camera of the systems.
	- Markers should be illuminated with white light and not infrared light for marker tracking and it should also be able to track colored LED markers. - The LED color must be identified by the software to automatically assign them to joints
	- Active and passive markers tracking on stored video data should be possible
	- Markers must be found automatically on videos without marking them in the first frame.
	- Automatic tracking should be done on the recorded video data and it should not be restricted by the use of a certain biomechanical model.
	- The display should be able to show marker trajectories and stick figures on the recorded video of every camera of the system in 2D to understand the data from corresponding perspective
	- If real time measurement, identification of marker should be done on video data.
	- Should be able to compute velocities, angles, distances and accelerations.
	- Should be able to compute centre of mass of body and segments.
	- Should have all arithmetic operations, angles/distances and track filtering.
	- Should support interpolation to fill in missing data
	- The system should be able to reconfigure whenever needed to arrange different measurements within a short interval.
	- It should be able to analyze and prepare the 3D data at different time from when the movement was captured.
	- It should be possible to correct errors by doing manual and semi-automatic labeling in video of each camera of the system without repeating the whole capturing process again.
	- Should be able to change the video data manually - System must be able to show realtime force vector in the live video without using any other hardware then the video cameras
	- Should be able to import and export data and reports to other programs and formats such as C3D, txt, ASCII.
D	Force Measuring System:

	• The system should be able to capture multiple sequential foot strikes of humans for analysis of foot function and gait.
	• The system should display foot function, stride length, velocity, and gait parameters for objective and quantified affirmation of diagnosis and mode of treatment.
	• It should isolate and analyze specific areas of plantar foot.
	• The unit should have sensing area of at least 170 cm long & 36 cm wide.
	• It should be able to:
	  o Identify plantar pressure profile discrepancies between left and right feet.
	  o Identify asymmetries during stance phase and areas of potential ulcerations.
	  o Quantify continuous gait patterns over many strides.
	  o Monitor improvements in balance, sway, strength & weight bearing.
	• The system should have spatial resolution of approximately 1.4 sensels/cm^2 with more than 9,000 sensing elements.
	• The system should work on resistive technology.
	• The system should have Pressure range of 1-120 N/cm^2.
	• Its software should have graphing capability and ability to isolate and segment anatomical regions of the foot.
	• It should have option for future upgrade to record the video.
	• It should have the facility to synchronize and play back, video and pressure data.

	Software Features • Pressure and force curves over time. • 2-D and 3-D real-time image and recorded data. • Force-time integrals.

	• Import and export client movie files. • Frame by frame, single or multi-stance phase displays. • Side-by-side comparisons of pre- and post-treatment conditions. • Center of Force and its trajectory
(e)	EMG: 8 channel EMG system complete with software for measurement of surface EMG signals intended for assessment and evaluation of muscle function and condition, rehabilitation, motion analysis and scientific research purposes. • It should be wireless bio signal amplifier system with either of the two types of sensors: - with fixed measurement electrodes or with lead wires with snap connectors. • The receiver unit should have analog, USB and blue tooth connectivity. • It should have option to connect it to motion analysis systems • It should be supplied with rechargeable battery and charger for sensors • It should be supplied with software having multi applications protocol, data processing and analysis tools • It should be able to export its data in ASCII, binary and math lab formats • It should support C3D format to support motion analysis system • Its sensor module weight should be less than 20 grams. • It should be able to display: Average, RMS, Integrated data, Raw signal, biofeedback, sounds and FFT-spectrums in real time. • Its software should be compatible to windows and easy to use data acquisition software.
	Sensors features:- • It should have minimum 16 bits resolution. • CMRR should be greater than 100dB. • Sensor frequency band should be selectable from 10-500Hz for various EMG, ECG and EEG models. • Sampling rate should be 1000Hz. • Surface Electrodes should be used. • Data should be transferred via Bluetooth.
	Receiver features:- • It should have 16 bit digital to analog converter. • It should display analog output. • It should operate on 240 volt supply. • It should have analog, USB and Bluetooth interfaces.
	Delivery Contents:- • 8 wireless bio amplifier sensors • 8 channel bio amplifier receiver unit • PC interface • Recharger for wireless sensor.
(f)	Essential Accessories
	- Should be supplied with portable laser calibration system 3D
	- Should be supplied with at least 20 Nos 12mm markers and at least 20 Nos 15mm markers - Should be supplied with 20 LED markers with 3 colors built in and a remote control to switch color.
	- Should be supplied with all essential powers and interconnecting cables.
(g)	Training and Service
	Demonstration and onsite training should be provided as part of specifications and prompt service and solution of problem/fault, if any, within a short time (such as 24 hours) with penalty clause for undue delays. 3 Days of training on site should be provided

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(08)M&E/12-05 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(08)M&E/12-05	**GAIT Analysis system**	**1**	**24,000.00**	***04.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(08)M&E/12-05	GAIT Analysis system	**1**	Double bid	24,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Q-1(08)M&E/12-05

Gait Analysis System

1. It should be a dynamic video motion analysis system for analyzing gait and for the biofeedback based on LED markers.
2. It should be video camera based system which provides real-time tracking of colored LED markers.
3. It should be able to measure step length, swing phase, stance phase and also range of motion of the joints.
4. It should measure various parameters such as angles for ankle, knee, hip and trunk, rotations, distances.
5. Tracking of angles via active markers should be done within the live-stream as well as on recorded videos.
6. It should have integrated real time biofeedback for analysis of functional motion and for live monitoring with software.
7. It should be highly efficient for the complete for the complete automatic movement analysis in a short interval of time.
8. It should be able to create various protocols and also should have predefined templates.
9. It should be able to record the videos and measurements data, paly and rewind it.
10. It should be able to generate reports automatically once the acquisition stops.
11. It should be supplied with laptop, lens, minimum 5 LED markers and one camera for recording and analysis.
12. It should be compact, lightweight and portable so that one can use it anywhere.

Delivery Contents:

1. Minimum 5 LED Markers for patient.
2. Video camera of 100 fps.
3. LCD monitor for recording and analysis.
4. Lenses (4-11mm) and Tripod.

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(08)M&E/12-06 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(08)M&E/12-06	**Molecular Lancet**	**1**	**80,000.00**	***05.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(08)M&E/12-06	Molecular Lancet	**1**	Double bid	80,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

MOLECULAR RESONANCE GENERATOR

1. Should have High RF power output frequency 4 MHz or more (for any value of power and function) of cell safety spectrum based on Molecular Resonance Principle.
2. Should have high precision and consistency.
3. Should have microprocessor controlled safety check features and independent microprocessor based safety circuits.
4. The system should have facility of monopolar and bipolar modes and should be activated through both footswitch & finger switch.
5. There should be provision for two different outputs of monopolar mode ie. Cut/coagulation & fulguration separately slot wise.
6. For footswitch activation the system should have double pneumatic foot switch for monopolar & single pneumatic foot switch for bipolar mode.
7. The temperature of the electrode should not exceed the necrosis temperature i.e. 50^0C.
8. Should produce required proof for working under necrosis temperature.
9. The system should offer the following power levels (approximately value suitable for **Orthopaedic Surgeries**):

   Bipolor 90W Fulguration 80W Cold Cut 160W under 50 ^{0}C
   Coagulation 100W Blend 140W
10. The system should be able to provide coagulation at capillary level.
11. The power for different modes should be visible on large illuminated display.
12. Should be compact and lightweight. Should have auto diagnosis feature.
13. The system should offer high isolation (floating) Class I type CF.
14. The system should be supplied with mentioned quantity mentioned against each of the following accessories AS STANDARD SUPPLY:
    a) Needles/loops/blades for coagulation, cutting & fulguration functions.
    b) Double finger Switch (cut & coagulation, three pin type).
    c) Footswitch Handle to be used with double pneumatic foot switch
    d) Bipolar Scissors with cable.
    e) Bipolar Forceps Straight, 45 degree, Bayonet Shaped (stainless steel) with cable.
    f) Bipolar Forceps Bayonet Shaped (Ag20Cu80) with cable
    g) Bipolar clamps with cable.
    h) The system should be supplied with disposable plates 5 Nos. each for adult, pediatric & neonatal patients.
    i) Reusable patient plate.
    j) Built in Module for DDD/Endoscopic Spinal Surgery.
    k) The price of above accessories should also be quoted against OPTIONAL ACCESSORIES for demand of the same in near future.
15. The system should comply with International safety standards supported by clinical trials/studies and should be manufactured by I S O certified company.

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(08)M&E/12-07 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(08)M&E/12-07	**4 Channel Heat Therapy with Vibration & Magnetism**	**2**	**40,000.00**	***05.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(08)M&E/12-07	4 Channel Heat Therapy with Vibration & Magnetism	**2**	Double bid	40,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Q-1(08)M&E/12-07

TECHNICAL SPECIFICATION
4 Channel Heat Therapy Unit with Vibration + Magnetism

- Combination therapy unit with Heat, magnetic force and micro vibrations for the treatment of lumbago, neuralgia, lymph edema, etc.
- The system should be modern with touch button operation and solid state.
- The combination therapy given should warm up the deep internal organ & the effect should lasts longer.
- The system should consist of four channel unit with 4 hot packs along with their 4 covers for simultaneous use.
- It should have flexible heating pads giving dry heat so that it can be used over clothes in normal conditions.
- The heating pads should have four steps temperature control from 35^{0} - 6Ø^{0}C. Maximum temperature should not exceed 6Ø deg for patient protection
- It should provide vibrations through flexible heating pads which help in the stimulation of blood flow on painful areas.
- The system should have three different types of micro vibrations as below :
  - Ripple Wave: - 7Ø vibrations per second
  - Random Wave: - 12Ø vibrations per second
  - Big Wave: - 6Ø vibrations per second
- It should also provide Magnetic force which increases the blood flow.
- Micro vibration should be from alternating magnetic field.
- It should have digital timer of 3Ø minutes duration.
- It should be supplied with and imported trolley and 4 extra covers for hot pack and should work on 24Ø V/5Ø Hz power supply.
- It should UL, and ISO 13485 approved for patient safety
- Demonstration is an essential part of specification.

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(08)M&E/12-08 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(08)M&E/12-08	**Simulator Training System for knee Arthroscopy**	**1**	**90,000.00**	***05.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(08)M&E/12-08	Simulator Training System for knee Arthroscopy	**1**	Double bid	90,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Q-1(08)M&E/12-08

Specifications for Simulator Training System for kneeArthroscopy Surgery

- Box training system for handling arthroscopic training surgery skills consisting of a main unit, various task boxes, probe and foot switch for minimum following tasks:
  1.inspection& touching and triangulation
  2. removing loose body
  3.size estimation
  4. cutting, pinch & connection
  5. going over the line
  6.pinch and pulling
  7.pinch and pulling under 90° rotation
- It should be specialized for Knee joint surgeries to train various ways of handling thearthroscope, forceps, scissors.
- It should have a touch panel display indicating the levels of skills, and various parameters such as the score, working time, number of errors, time limit to clear.
- There should be an audible alarm in case of mistake during procedure.
- Various operations such as beginning and end of training should be controlled on the display screen.
- It should have an integrated printer for printing number of clears, number of errors and training times.
- The task box should be rotatableupto 90° so it is fit for the training of MotorPsycho skill and can be fit in horizontal and vertical position.
- It should be a compact model not occupying more than 40 x 50 cm space on the table.
- Demo has to be provided if asked.

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(08)M&E/12-09 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(08)M&E/12-09	**Thermal Shock therapy Unit**	**1**	**40,000.00**	***05.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(08)M&E/12-09	Thermal Shock therapy Unit	**1**	Double bid	40,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Q-1(08)M&E/12-09

TECHNICAL SPECIFICATION
THE THERMAL SHOCK THERAPY UNIT

- The system should be capable of Thermo-Cryo Kinetic for warm and cold, content temperature, pressure feature.
- The system should be easy to operate through touch screen having pre-set cycles for different treatment or create your own protocols.
- Possibility of uploading of protocols with USB device.
- Treatment therapy to be provided in the targeted and selected body part though anatomic wraps.

The unit should have

- Application temperature range-5^0c (cold) to +45^0C (warm)
- Thermal shock –from 0^0 to 40^0 C in 60 seconds.
- Handle up to 4 wraps simultaneously.
- Build in temperature and time alarm.
- Transports on wheels.
- 10" touch screen control panel to control the unit.
- The offered system should carry the medical CE making and other international safety standard.
- Demonstration is an essential part of specification.

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(08)M&E/12-10 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(08)M&E/12-10	**Hands free Bead Hydro Massage Unit**	**1**	**18,000.00**	***05.07.12***	***10.30 a.m.***	***Single bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(08)M&E/12-10	Hands free Bead Hydro Massage Unit	**1**	Single bid	18,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Q-1(08)M&E/12-10

TECHNICAL SPECIFICATION
HANDSFREE BEAD HYDRO MASSAGE UNIT

A unit designed for ankle, hand, wrist and feet to provide therapy using hydro, reflex, thermo, friction and pressure for sports injury to reduce odema, relieve pain, activate blood micro circulation and improve joint flexibility.

Bead Hydro Massage unit should be easy to use with removable tank having sufficient capacity to atleast handle 10 liters of Beads and necessary water.

Automatic supply of water at a regulated temperature, for filling, shower rinsing and drain.

The offered system should carry the medical CE mark and other international safety standard.

Demonstration is an essential part of specification.

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(09)M&E/12-01 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(09)M&E/12-01	**Lower Body Negative Pressure devicde**	**1**	**108,000.00**	***06.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(09)M&E/12-01	Lower Body Negative Pressure devicde	**1**	Double bid	108,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

TECHNICAL SPECIFICATION FOR LOWER BODY NEGATIVE PRESSURE DEVICE

Should have the following features:

- System for accelerated regeneration and replenishment of sports injuries.
- The system should increase tissue and muscle perfusion to achieve waste product removal from the patient's body.
- The system should have 8 preset programs.
- The system should have a special traction program for spinal column.
- Backrest should be electrically adjustable by patient remote control.
- Should have patient emergency switch.
- Treatment processes and technical features should be internationally patented.
- It should be International Trademark

Should have the following technical data:

- Dimensions: Length x Width x Height: 225 x 100 (75) x 110 cm
- Weight of the equipment: 110 kg
- Voltage: 220 – 230 V, 1.300 Watt
- Performance data: 0 to -70 mbar below atmospheric pressure.
- Intervals (negative pressure – atmospheric pressure): 1 – 30 sec. (selectable)
- Treatment time: 5 – 6 min., selectable, automatic switch off
- Demonstration is an essential part of specification.

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(09)M&E/12-02 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(09)M&E/12-02	**Advanced CPR with ACLS Function Simulator**	**1**	**40,000.00**	***06.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(09)M&E/12-02	Advanced CPR with ACLS Function Simulator	**1**	Double bid	40,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Advanced CPR with ACLS Function Simulator

- The model should provide the advanced CPR and life support training such as airway management, fluid therapy route management, defibrillation practice and ECG monitoring for both treatment during transportation and at hospital.
- During CPR practice with approx. 4 cm Chest compression should incorporated into ECG wave forms.
- It should have Palpable common carotid artery.
- It should have possibility for the hearing of Respiration sound on collar bone and axilla during an artificial respiration.
- The model should be able to practice different airway occluded methods such as by depressing the tongue, chin and upper jaw lifting and by head rotation.
- It should be able to practice for endotracheal intubation, insertion of laryngeal mask and esophagus closing tube.
- Both right & left lung and the fork of trachea should be structured in such a way that side lung intubation and chest swelling should confirm airway management.
- The arm should have a piece of Velcro to which a fluid therapy tube can be attached.
- The model should have all irregular pulses and ECG waveforms, which are based on the AHA ACLS Provider Course.
- It should have wireless remote control and ECG waveforms can be operated with the selection of up to 15 types of ECG waveform.
- Its remote control should have different settings for all the parameters.
- During cardiac massage, mixed ECG along with cardiac massage waveform should be displayed on the monitor.
- It should work on rechargeable battery and charger should be provided.
- Should be FDA/CE/Indian Regulatory Approved.
- Electrical Safety Conforms to standards for electrical safety.
- Manufacturer should have ISO certification for quality standards.
- Model should be latest generation.
- Should have local service facility.
- Comprehensive warranty for 5 years and AMC/CMC for next five years.
- Availability of Spares to be ensured for minimum 10 years period.
- Demonstration is must.

Delivery Contents:

- 1 Main body
- 1 Battery Charger
- 1 Silicone Spray
- 1 Bottle of Simulated Blood.
- 1 Lung Bag (right and left).
- 1 Set blood vessels tube.

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(09)M&E/12-03 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(09)M&E/12-03	**Cardiology Patient Stimulator**	**1**	**140,000.00**	***06.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(09)M&E/12-03	Cardiology Patient Stimulator	**1**	Double bid	140,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Advanced Cardiology Patient Simulator

- The cardiology patient simulator should be useful for medical students, paramedics and cardiovascular nurses.
- The cardiology model unit should reproduce heart sounds and murmurs from these areas: 1. Aortic 2.Pulmonic 3.Triscuspid 4. Mitral
- It should have cardiac impulses in following right & left arteries: 1. Brachial, 2. Radial, 3. Carotid, 4. femoral and 5. Jugular venous waves with the help of four control valves located on the side of the manikin.
- Sound volume, pulse strength, simulation speed and running time should be controllable
- It should be supplied with a state of the art compression system for real life like experience of arterial palpitation as well as abdominal respiration.
- It should have high quality reproduction of clinical examinations that comprises minimum 80 cases of the following:-normal heart sound, heart disease simulation, arrhythmia simulation and ECG arrhythmia simulation on a life size manikin body.
- It should give actual training by using actual diagnostic instruments such as real stethoscope, computerized systems for showing all parameters and a compressor to generate air pressure for palpation of arteries and veins.
- It should have facility to repeated practice for learners to differentiate various heart sounds & murmurs using their own ear.
- Physical finding should synchronize perfectly with each other for comprehensive clinical examination training.
- It should have Apex Beat Palpable at right and left ventricle and dilated left ventricle.
- It should have tracheal and bronchial breath sounds and simulated abdominal movement for respiration.
- It should have ECG interpretation in relation to real time physical findings.
    - Should be FDA/CE/Indian Regulatory Approved.
    - Electrical Safety Conforms to standards for electrical safety.
    - Manufacturer should have ISO certification for quality standards.
    - Model should be latest generation.
    - Should have local service facility.
    - Comprehensive warranty for 5 years and AMC/CMC for next five years.
    - Availability of Spares to be ensured for minimum 10 years period.
    - Demonstration is must.

Delivery contents:

1. Cardiology model unit with base & minimum 6 built in speakers and four channels vital sign system.
2. Amplifier with pair of external speakers and Compression system fitted on a trolley
3. Latest Computer along with LCD monitor loaded with software

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(09)M&E/12-04 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(09)M&E/12-04	**Lung Sound Auscultation Trainer**	**1**	**60,000.00**	***06.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(09)M&E/12-04	Lung Sound Auscultation Trainer	**1**	Double bid	60,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Advanced Lung Sound Auscultation Trainer

- It should be a single- purpose simulator ideal for lung sound auscultation training with real lung sounds recorded from actual patients.
- Training with actual stethoscope should be possible.
- The manikin torso should rotate on base for examination of chest anterior as well as posterior.
- It should have minimum 30 actual lung sound cases for normal, abnormal, coarse crackles, fine crackles, wheezes, rhonchi, miscellaneous continuous sound (stridor and squawk) and Miscellaneous (pleural friction rub) with vocal fremitus.
- Each case should be available with and without heart sound for examination and teaching purpose.
- It should have at least 12 synchronized speakers located in torso out of which minimum of 5 should be present in anterior and atleast 8 in posterior to reproduce filtered lung sound with natural propagation and sound transition.
- Sounds should be recorded from actual patients with adjustable sound volume , pace of respiration and operating time
- Sound should be adjusted to each respiratory cycle to improve the quality.
- It should have facility to display graphically the classification of lung sound on the computer monitor.
- It should have facility of explanation window to explain each case reference on the monitor with general descriptions along with clinical data including patient histories, illustrations, radiographs and images.
- This should have an external speaker facility for demonstration and group studies
- It should be supplied complete with PC, software, rotating torso, external speakers.
    - Should be FDA/CE/Indian Regulatory Approved.
    - Electrical Safety Conforms to standards for electrical safety.
    - Manufacturer should have ISO certification for quality standards.
    - Model should be latest generation.
    - Should have local service facility.
    - Comprehensive warranty for 5 years and AMC/CMC for next five years.
    - Availability of Spares to be ensured for minimum 10 years period.
    - Demonstration is must.

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(09)M&E/12-05 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(09)M&E/12-05	**Static and Dynamic Balance system**	**1**	**20,000.00**	***06.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(09)M&E/12-05	Static and Dynamic Balance system	**1**	Double bid	20,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Q-1(09)M&E/12-05

TECHNICAL SPECIFICATION
STATIC & DYNAMIC BALANCE SYSTEM

The system should have following features

- Static and dynamic Platform to assessment the fall conditioning.
- High Resolution color Touch-Screen LCD 12" X 12"cm display
- Visual Biofeedback in real time prompts patients into proper postural and balance control
- Five Training Modes and Four Protocols for vestibular and neuromuscular re-training.
- Interactive Game-Like Balance Training – increases patient interaction and compliance.
- Standardized Fall screening and Athlete Knee INJURY Screening Tests – simple, quick and accurate.
- Twelve Levels of Platform Control as well as Static Force settings – allows testing, training and rehabilitation programs for diverse populations
- Balance Training for proprioception and stabilization exercise, range of motion and weight shift exercises
- Objective documentation – printed color reports track progress and document outcomes
- Patient data storage maintains records to track progress and issue reports for up to 1000 patients
- Locking Surface – ensures safe "on and off" patient movement
- Adjustable support Handle – locks in place for safety or swings away for an unobstructed open environment allowing a variety of training activities
- The system should provides fast, accurate fall risk Assessment and conditioning for older adults plus closed chain, weight-bearing assessment and training for lower extremity patients.
- The system should help clinicians assess neuromuscular control by quantifying the ability to maintain dynamic bilateral and unilateral postural stability on a static or unstable surface by using any of four test protocols including fall risk, athletic single leg stability, limits of stability and postural stability.
- The balance system should also serves as a valuable training device to enhance kinaesthetic abilities that may provide some degree of compensation for impaired proprioceptive reflex mechanisms following injury.
- Should be supplied with suitable printer
- Patient Capacity: 400 lb (136 kg)
- Certification: ETL and cETL listed to UL 2601-1, CAN/CSA C22.2 No.: 601-0-M90 and EN60601-1.
- Demonstration is an essential part of specification.

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(09)M&E/12-06 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(09)M&E/12-06	**Microfracture system**	**2**	**28,000.00**	***09.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(09)M&E/12-06	Microfracture system	**2**	Double bid	28,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Specification of Microfracture System

Osteochondral Awls made of titanium nitride to perforate the base of Osteochondral defect with various angled tipe& shaft configuration to access most defects in the patello - femoral joints with 3 mm depth with following specification:-

a) Osteo chondral Awl 20 ° - 1 No.

b) Osteo chondral Awl 40 ° - 1 No.

c) Osteo chondral Awl 60 ° - 1 No.

d) Osteo chondral Awl 25 ° curved tip - 1 No.

e) Osteo chondral Awl 35 ° curved tip - 1 No.

f) Osteo chondral Instrument case - 1 No.

g) Mallet – 1 No.

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(09)M&E/12-07 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(09)M&E/12-07	**Bio-Tenodesis screw system**	**1**	**36,000.00**	***09.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(09)M&E/12-07	Bio-Tenodesis screw system	**1**	Double bid	36,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Q-1(09)M&E/12-07

Specification of Bio-Tenodesis Screw System	
	Bio-Tenodesis Screw System designed for reattachment of Soft Tissue,both Tendon &Ligament,to the bone.Bio-Tenodesis Screw driver should facilitate accurate graft tensioning into a bony socket in a simple push-in method. Tenodesis screw &fiberwire should provide interference fit to eliminate any graft separation from the bone.Bio-Tenodesis screw should be composed of PLLA & should be available in numerous sizes required in all applications. The system should allow reattachment of soft tissue to bone in upper extremity procedures including rotator cuff repair, proximal/distal biceps tenodesis&acromioclavicular joint reconstruction consist of followings---
1	Cannulated Drill, 4mm----------2 No
2	Cannulated Drill, 4.5mm----------02 No
3	Cannulated Headed Reamer 5mm to 10mm----------01 Each
4	Tear Drop Handle w/Suture Cleat----------01 No
5	Driver for Bio-Tenodesis Screws of different sizes----------03 No(1 Each)
6	Bio-Tenodesis Screw Instrumentation Case----------01 No
7	Bio- Tenodesis Disposable Kit----------10 No
8	Bio-Tenodesis Tap of 4mm/4.75/5.5/6.25/7x23/7x10/8mm--------02 each
9	Drill pin tip headed reamer,7mm----------02 No
10	Extended Length screw driver for Bio-tenodesis screw----------01 No
	* Demonstration is essential part for technical qualification of quoted models.

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(09)M&E/12-08 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(09)M&E/12-08	**Upper limb Positioner**	**1**	**16,000.00**	***09.07.12***	***10.30 a.m.***	***Single bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(09)M&E/12-08	Upper limb Positioner	**1**	Single bid	16,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Q-1(09)M&E/12-08

SPECIFICATION OF UPPER LIMB POSITIONER

1. The System should be combines strength and versatility to provide optimal intraoperative positioning within the sterile field of upper extremity procedure.

2. Should be work for Shoulder-Countless positioning possibilities, adjustable tension and the ability to maintain traction while rotating the arm.

3. Should be Hydraulic assist mechanism allows any angle from sitting to supine (0-90 degree) and used in a sterile manner for positioning and repositioning during surgery.

4. Should be autoclavable piggy back, lateral shoulder connection bar and traction accessories.

5. Wrist-Option provide rigid positioning for wrist, hand and distal forearm procedures with the ability to pronate , supinate and deviate.

6. Elbow-For arthroscopic or open procedures requiring extension and flexion of the elbow and pronation and supination of the forearm.

7. Exposure-Shoulder pad slides laterally, providing maximum exposure to the operative shoulder Access-patient can be positioned closer to the side of the OR table to allow maximum accessibility.

8. Shoulder-used in Beach Chair and lateral positions for arthroscopic rotator cuff, instability, total shoulder and humeral nailing.
   Elbow-used for supine, lateral, and prone procedures allowing excellent access and repositioning of the arm.
   Wrist-used for wrist, hand and distal forearm procedures with the ability to pronate, suprinate, and deviate.

   Upper Limb Positioner and Components-
   Upper Limb Positioner
   Lateral Positioner-
   Lateral Shoulder connection Bar, 2 per box
   Piggy Back Connector, 2 per box
   Shoulder Connection Bar-
   Square Rail Clamps
   Intubation Pad
   Traction Accessory, two included in system
   Shoulder Stabilization Kit, disposable, box of 12, sterile
   Positioner Cart to keep the positioning system and its components

   Demo of the equipments has to be provided if asked

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(09)M&E/12-09 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(09)M&E/12-09	**AC Joint Reconstruction system (For Graft rope)**	**1**	**30,000.00**	***09.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(09)M&E/12-09	AC Joint Reconstruction system (For Graft rope)	**1**	Double bid	30,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Specification of AC Joint Instrumentation Set for AC (with Graftrope)	
S/N	AC Joint Instrumentation set for acute & chronic AC joint repair consist of following specifications--
1	Acromio-clavicular joint constant Guide ----01 No
2	Long Drill ,4mm Cannulated---02 No
3	Ac Joint Coracoid Graft passing Instrument, Left---01 No
4	Ac Joint Coracoid Graft passing Instrument, Right---01 No
5	Ac Joint Teodesis Screw Driver---01 No
6	Cannulated Headed Reamer, 5mm---01 No
7	Cannulated Headed Reamer ,5.5mm---01 No
8	Cannulated Headed Reamer ,6mm---01 No
9	Cannulated Headed Reamer 6.5mm---01 No
10	Half moon sheath & Trocar---01 No
11	AC Joint Reconstruction System Instrument Case--01 No

* Demonstration is essential part for technical qualification of quoted models.

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(09)M&E/12-10 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(09)M&E/12-10	**Cryo-Ultrasound**	**2**	**100,000.00**	***09.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(09)M&E/12-10	Cryo-Ultrasound	**2**	Double bid	100,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Q-1(09)M&E/12-10

TECHNICAL SPECIFICATION FOR CRYOULTRASOUND UNIT

- The innovative technology having combination of Cryo Therapy and Ultrasound Therapy simultaneously for analgesic and anti – inflammatory action through heavy duty clinical model.
- The system should be able to determine a quicker recovery due to the interruption of the pain-spasm-inactivity cycle.
- The cooling process of the system should in a very short time (approximately 2 mins) using the Volume Expansion System.
- The unit must have prefeeded range of therapeutic protocols set for various pathologies.
- The unit must have the following technical features.
    - Power Supply: 220 Volt, 50 Hz
    - Wattage: 650 Watt
    - Maximum Ultrasound Output Power: 3 Watt/cm2
    - Cryotherapy: adjustable upto -10^0 C
    - Working frequency: 1 MHz ± 5%
    - Emission Type: 50/100 Hz continuous and pulse
    - Isolation Class: 1 Type BF/ 1 Tipo BF
    - Safety Class: 1 Type BF
    - Electronic Time: From 0 to 30 minutes
    - Transducer: Ceramic Piezoelectric
    - Visual Display: Digital Display

- Demonstration is an essential part of specification.

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(10)M&E/12-01 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(10)M&E/12-01	**Mini Open Latarjet system**	**1**	**34,000.00**	***10.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(10)M&E/12-01	Mini Open Latarjet system	**1**	Double bid	34,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Q-1(10)M&E/12-01

Specification of Mini Open Laterjet Instrumentation set consist of following

Swan Retractor Right	01 No
Swan Retractor , Left	01 No
Gelpi Retractor	01 No
Nerve & Facia Retractor	01 No
Blended Blade Retractor, 18mm	01 No
Blended Blade Retractor, 26mm	01 No
Parallel Drill Guide, 6mm Offset	01 No
Parallel Drill Guide, 8mm Offset	01 No
Handle Drill Guide	01 No
Screw Length Gage for Glenoid Bone Loss	01 No
Coracoid Drill Guide	01 No
Fukuda Style Retractor	01 No
Cannulated Hex Driver, 2.5mmx7 inch Ling	01 No
Drill 2.75mm, 0, 066inch Cannulation	05 No
K-wire 7 inch	10 No
K-wire 12 inch	10 No
Drill Bit, 4mm	05 No
3.5mm Cannulated Hex Driver with AO connection	01 No
Blended Osteotome, 100mm	01 No
Gelpi Retractor for Arthroscopic Use	01 No
Saw Blade, 25.5x9.5x0.4mm(Linvatec Hall Style) w/utdepth stop	01 No
Temporary Compression Device, cannulated	01 No
Mini Open Shoulder Retractor, 21mm	01 No
Modular Soft Tissue Retractor Atraumatic Replacement Paddle, 50mm Right	01 No
Modular Soft Tissue Retractor Atraumatic Replacement Paddle, 50mm Left	01 No
Osteotome Blade	10 No
Osteotome Blade Shield	02 No
Osteotome Handle	02 No
Mini Open Shouder-Laterjet System Instrument Case	01 No
Screw Caddy for Mini Open Shoulder Laterjet Instrument case	01 No

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(10)M&E/12-02 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(10)M&E/12-02	**HIP Surgery Instruments**	**1**	**70,000.00**	***10.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(10)M&E/12-02	HIP Surgery Instruments	**1**	Double bid	70,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

HIP SURGERY SYSTEM

The set should have following instruments along with the holding tray suitable for autoclaving and storage of instruments:

S.No	DISCRIPTION	QTY
1.	Single prong double bent Hohman acetabular retractor-length 18" blade width 15mm	1
2.	Double prong double bent Hohman acetabular retractor-length 12.5" blade width 15mm	1
3.	Modified double prong acetabular retractor with central prongs-length 12.5", blade width 44mm	1
4.	Modified double prong acetabular retractor with central prongs- length 12.5", blade width 32mm	1
5.	Double prong broad acetabular retractor-length 12.5" blade width 40mm	1
6.	Posteriorinferior retractors-medium Rt & Lt(length 11", handle to bend length 7")	1 each
7.	Proximal femoral elevator-extra leverage (overall length 17.5", handle length 13", blade width at widest 63mm)	1
8.	Inferior acetabular retractors-deep standard (length 12.5", handle length 8" blade width 51mm)	1
9.	Hibbs retractors (handle length 13", blade depth 6.5", blade width 38mm)	2
10.	Hibbs retractors (handle length 9.75", blade depth 4.5", blade width 25mm)	2
11.	Hibbs retractors (handle length 8", blade depth 3", blade width 25mm)	2
12.	Hip Positioning system- one 10" post assembly with double pads and one 6" post with single pad, two 2" spacers, one 4" screw, one 6" screw, two table attachments	1 set
13.	Acetabular Angle indicator- (calibrated from 0-45^{o}, should have magnetic bottom for hands free use, should be useable on the reamer shaft, trial cup shaft and cup impactor shaft)	1
14.	Ortho rongeur with easy grip handle (length 8.75", bite 5x14mm)	1
15.	Ortho rongeur with easy grip handle (length 8.75", bite 5x14mm)	1
16.	Ortho rongeur with easy grip handle (length 8.75", bite 5x14mm)	1
17.	Capsule knife-(length 7.75", blade width 5")	1
18.	Femoral head removal clamp (length 10.75")	1
19.	Universal bone grafting/impacting forceps (length 10", diameter end 5/16")	1
20.	Femoral head coring instrument & head holder	1 set
21.	Acetabular graft protector-44mm diameter	1
22.	Acetabular graft protector-52mm diameter	1
23.	Femoral canal preparation scrapers (length 17.25", blade width 9mm & 12mm)	1 each
24.	Universal hip cup removal system	1 set
25.	Modified smith-peterson style osteotomes for acetabular cup removal	1 set
26.	Hip cup extraction hook with slap hammer (for both 5mm and 6.5mm screw holes)	1 each
27.	Universal modular femoral hip component extractor with slap hammer	1
28.	Femoral extraction instruments	1 set
29.	Flexible osteotome system	1 set
30.	Mueller type cement removal instruments	1 set

INSTRUCTIONS:

INSTRUMENTS SHOULD BE FDA APPROVED

INSTRUMENTS SHOULD HAVE 2 YEARS WARRANTY

DEMONSTRATION OF THE COMPLETE SET IS MANDATORY

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(10)M&E/12-03 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(10)M&E/12-03	**Knee Surgery Instruments**	**1**	**70,000.00**	***10.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(10)M&E/12-03	Knee Surgery Instruments	**1**	Double bid	70,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

KNEE SURGERY SYSTEM

The set should have following instruments along with the holding tray suitable for autoclaving and storage of instruments:

S.No	DISCRIPTION	QTY
1.	Assistant free Stulberg leg positioner	1
2.	Calibrated tibial clamp (length 10", calibrations from 0 to 25mm)	1
3.	"S" total knee retractors (length 6", blade width 10mm)	2
4.	PCL retractor (length 8", prong width 8.5mm, gap in prongs 8.5mm)	1
5.	Wide PCL retractor (length 10", prong width 8.5mm, gap in prongs 17mm)	1
6.	Llateral fat pad retractor for TKR (length 10" blade width 41mm)	1
7.	Meniscal clamp (length 7", teeth length 0.05" jaw length 1.375")	1
8.	Posterior condylar chisel (length 7" blade width 18mm)	1
9.	Offset osteotome for posterior femoral condyles in TKR (length 9", blade width 18.5mm)	1
10	Pin inserter (length 5" useful for 3.2mm diameter pin insertion)	2
11	Femoral component extractor with slap hammer	1
12	Tibial component extractor with slap hammer	1
13	Tibial tray removal hook with slap hammer	1
14	Curved cement osteotome (length 6.75", handle length 3", blade width 3.5mm)	1
15	Boynton punch- standard (length 11.75", shaft diameter 9.5mm)	1
16	Boynton punch- offset (length 11.75", shaft diameter 9.5mm, punch end offset 60mm)	1
17	Soft impact mallet (3 lbs wt with easy grip handle)	1
18	Periosteal elevator- curved (length 7.5", handle length 4.5", blade size 16x13mm)	1
19	Periosteal elevator- straight (length 7.5", handle length 4.5", blade size 19x14mm)	1
20	Modular impactor set	1
21	Assistant free orthopaedic needle holder/scissors (length 7" with tungsten carbide tips)	5
22	Universal screw removal instrument system	1 set
23	Orthovise with slap hammer-straight & curved with long & standard noose	1 full set
24	Screw removal locking pliers	1

INSTRUCTIONS:

INSTRUMENTS SHOULD BE FDA APPROVED
INSTRUMENTS SHOULD HAVE 2 YEARS WARRANTY

DEMONSTRATION OF THE COMPLETE SET IS MANDATORY

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(10)M&E/12-04 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(10)M&E/12-04	**Sequential Compression Device**	**5**	**20,000.00**	***10.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(10)M&E/12-04	Sequential Compression Device	**5**	Double bid	20,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

SECTION I

NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(10)M&E/12-05 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(10)M&E/12-05	**Space Suits with Hoods**	**5**	**14,000.00**	***10.07.12***	***10.30 a.m.***	***Single bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(10)M&E/12-05	Space Suits with Hoods	**5**	Single bid	14,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

SPACE SUITS WITH HOOD (OT HELMET)

- **Protection system for infection control**
- **The helmet protection system should have fan cooling facility**
- **The transparent hood in the helmet system should not have any fish eye effect**
- **The system should be of light weight; having Noiseless cooling facility in the helmets**
- **Battery provided with system should be of light weight**
- **Battery charger should have multiple charging pockets**
- **The system should be comfortable & light to wear**
- **System should includes:**
    a) **6 Helmets**
    b) **Battery Charger 8 station**
    c) **Battery packs**
    d) **Hood**
    e) **Toga**
    f) **Wall Rack**

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(10)M&E/12-06 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(10)M&E/12-06	**Control Cable & wire system (with 20 wires)**	**2**	**20,000.00**	***12.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(10)M&E/12-06	Control Cable & wire system (with 20 wires)	**2**	Double bid	20,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

SPECIFICATION FOR CONTROLLED CABLE & WIRE SYSTEM

- **Should be a cable cum plating system**
- **Should have option of Trochanteric Grip / Trochanteric Grip Plate & Cable Sleeve.**
- **Trochanteric Grip should have following features –**
  a) **Low profile of 4mm**
  b) **Proximal hooks for Anti rotational stability**
  c) **Sharp Distal Spike**
  d) **Should come in Small, Medium, Large sizes**
  e) **Should come in Vitallium & Stainless Steel Metal.**
- **Trochanteric plate should be 4mm.**
- **Should have proximal hooks**
- **Should have holes for screw fixation.**
- **Should come in 2 proximal sizes.**
- **Cable Sleeve should have superior fatigue properties.**
- **Should come in Vitallium & Stainless Steel Metal.**
- **Should have 1.6mm & 2 mm diameter.**
- **Should have following Instruments with following features :**

a) Crimping Tool	1 Nos
b) Grip Introducer	1 Nos
c) Cable Tensioner	2 Nos
d) Cable Cutter	1 Nos
e) Cutter Tip	1 Nos
f) Torque Wrench	1 Nos
g) Tensioner Wrench adapter	1 Nos
h) Trochanteric Holding forceps	1 Nos
i) Impactor	1 Nos
j) Cannulated cable passer	1 Nos
k) Femoral cable passer	1 Nos
l) Subtrochanteric cable passer	1 Nos
m) Angled cable passer	1 Nos
n) Handle Assemble	1 Nos
o) Sterilization Case for Implant & instrument.	1 Nos

***Note: 20 cable & sleeve should be provided along with the instrumentation.**

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(10)M&E/12-07 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(10)M&E/12-07	**Battery Power System**	**1**	**12,000.00**	***12.07.12***	***10.30 a.m.***	***Single bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(10)M&E/12-07	Battery Power System	**1**	Single bid	12,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

SPECIFICATIONS FOR BATTERY POWER SYSTEM

- **It should have pistol grip design.**
- **It should be small & ergonomic for better handling and visibility.**
- **It should have one-handed mode switch (hand-piece mode and safe mode)**
- **It should be totally sealed for washing and sanitizing.**
- **It should be software controlled.**
- **It should have dual trigger switch for forward and reverse mode.**
- **Drill speed should be around 1500 rpm**
- **Ream speed should be 300 rpm Drill Torque should be 33 in ibs & Ream Torque 145 in ibs approximately.**
- **It should be powered through maintenance free DC brushless motor.**
- **Accurate variable speed through trigger control.**

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(10)M&E/12-08 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(10)M&E/12-08	**Cement Gun System (with 20 injection kit)**	**1**	**70,000.00**	***12.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(10)M&E/12-08	Cement Gun System (with 20 injection kit)	**1**	Double bid	70,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Q-1(11)M&E/12-02

Specifications for Cement Mixing Vacuum System

Following should be the components:

SYRINGE HOLDER
1 PIECE GUN
AIRLINE 2 FITTINGS
AUTOCLAVABLE NOZZLE
CUTTER
VACUUM PUMP W/PRESSURE
GAUGE

The system should have 20 units of following disposables:

CEMVAC SINGLE SYRINGE SET
(20 units)

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(10)M&E/12-09 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(10)M&E/12-09	**Pulse Lavage System**	**50**	**4,000.00**	***12.07.12***	***10.30 a.m.***	***Single bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(10)M&E/12-09	Pulse Lavage System	**50**	Single bid	4,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

SPECIFICATIONS FOR PULSE LAVAGE IRRIGATION KIT

- **It should have 70 PSI for excellent cone bone penetration, consequent suction, capability.**
- **It should have brushes with irritation and suction for preparation of femoral canal and tibia plateau.**
- **It should have a small flexible shield for optional fluid, so as not to damage the surrounding of the soft tissue.**

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(10)M&E/12-10 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(10)M&E/12-10	**General Instrument Set**	**1**	**30,000.00**	***12.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(10)M&E/12-10	General Instrument Set	**1**	Double bid	30,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

GENERAL INSTRUMENTS SET

The set should have following instruments along with the holding tray suitable for autoclaving and storage of instruments:

S.No	DISCRIPTION	QTY
31.	PEERS TOWEL CLAMP NON PERFORATING 146MM	12
32.	SAROT ARTERY FCPS 355MM	12
33.	ADSON DRESSING FCPS, BAYONET, TIP 2MM, L-191MM	2
34.	DRESSING FCPS SERRATED, TIP 2.2MM, L-127MM	2
35.	SINGLEY (TUTTLE) INTESTINAL FCP 9"	2
36.	HOEN ANGULAR FCP 1X2 TEETH 5 1/2"	2
37.	RANDALL KIDNEY STONE FCP #1, QTR CVD 234MM	2
38.	RANDALL KIDNEY STONE FCP #2 ,HALF CVD, 222MM	2
39.	CARROLL TENDON PULLING FCP 5" SHAFT	2
40.	ALLIS TISSUE FCP 4X5 TEETH 6" STANDARD	6
41.	BABCOCK FCP 6 1/4"	6
42.	BROWN TISSUE FCP 6"	2
43.	DERRICO TISSUE FCP BAYONET 8 3/4"	2
44.	TISSUE FCP 6" 1X2 TEETH	2
45.	LORE Suction Tube and Tip Holding Forceps, L-178MM	2
46.	KNIFE HANDLE # 3L	3
47.	KARLIN MAGNUM MALLET LARGE BLACK ANODIZED HANDLE GRIP, WT-340 GMS, L-247MM, DIA -25MM	2
48.	MAYO-HEGAR NEEDLE HOLDER 8" T.C. TIPS CLASSIC PLUS	4
49.	HEAVY DUTY LOCK PLIERS 8"	2
50.	LAMINA SPREADER , JAW OPENING -51MM, L-241MM	2
51.	BURFORD-FINOCHITTO RIB RETRACTOR, SELF RETAINING WITH RACK AND PINION ACTION WITH TWO STSNDARD CVD ARMS AND TWO SETS OF DETACHABLE BLADES	1
52.	MAGNUM STR.CHISEL SET/CS, BLACK ANODIZED HANDLE GRIP, L-273MM, HANDLE DIA-32MM	1
53.	ADSON PERIOSTEAL ELEVATOR #1 , CHIESEL EDGE, BLADE WIDTH-8MM, L-165MM	2
54.	COBB GOUGE STR, TIP-6MM, L-279MM	2
55.	COBB GOUGE REVERSE CURVE, TIP-6MM, L-279MM	2
56.	BONE GOUGE STR TIP 6MM, L-279MM	2
57.	BONE GOUGE STR TIP 32MM, L-279MM	2
58.	OSTEOTOME STR TIP-6MM, L-279MM	2
59.	OSTEOTOME STR TIP-32MM, L-279MM	2
60.	OSTEOTOME CVD TIP-6MM, L-279MM	2
61.	OSTEOTOME CVD TIP-32MM, L-279MM	2

INSTRUCTIONS:

INSTRUMENTS SHOULD BE FDA APPROVED
INSTRUMENTS SHOULD HAVE 2 YEARS WARRANTY
INSTRUMENTS SHOULD BE MADE OF MEDICAL GRADE RUST FREE STAINLESS STEEL

SECTION I

NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(11)M&E/12-01 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(11)M&E/12-01	**Bone Mill**	**1**	**8,000.00**	***13.07.12***	***10.30 a.m.***	***Single bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(11)M&E/12-01	Bone Mill	**1**	Single bid	8,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Q-1(11)M&E/12-01

Specifications for Bone Mill

1. **The system should comprise of three type of milling drums - coarse, fine and extra fine.**
2. **The milling drum is made of a special hardened stainless steel alloy, making it highly resistant to wear despite repeated clinical use.**
3. **Teeth of milling drum should be capable of processing a femoral head in less that 30 second.**
4. **The mill should be able to process fresh frozen bone, avoiding the need to defrost graft material prior to surgery.**
5. **Bone chips formed in the bone mill should have intact trabecular structure to achieve high strength in bone.**
6. **Should be easy to assemble prior to clinical use and disassemble for thorough decontamination.**

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(11)M&E/12-02 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(11)M&E/12-02	**Bone Cement Mixing Vaccum Device (with Disposables)**	**1**	**7,000.00**	***13.07.12***	***10.30 a.m.***	***Single bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(11)M&E/12-02	Bone Cement Mixing Vaccum Device (with Disposables)	**1**	Single bid	7,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Q-1(11)M&E/12-02

Specifications for Cement Mixing Vacuum System

Following should be the components:

SYRINGE HOLDER
1 PIECE GUN
AIRLINE 2 FITTINGS
AUTOCLAVABLE NOZZLE
CUTTER
VACUUM PUMP W/PRESSURE
GAUGE

The system should have 20 units of following disposables:

CEMVAC SINGLE SYRINGE SET
(20 units)

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(11)M&E/12-03 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(11)M&E/12-03	**Knee Active Motion trainer**	**2**	**16,000.00**	***13.07.12***	***10.30 a.m.***	***Single bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(11)M&E/12-03	Knee Active Motion trainer	**2**	Single bid	16,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Q-**1(11)M&E/12-03**

KNEE ACTIVE MOTION TRAINER

- It is used for muscular reinforcement: complete scar healing of the soft tissues, allows the patient to experience a progressive resistance in the area requiring physical rehabilitation.
- It should be lightweight machine with large carrying handles, quick set-up, easy to use and portable device with modern technology of anatomical alignment of the limb that perfectly matches natural knee movement.
- It should be an isometric, isotonic trainer to provide synchronized movement of lower limbs for training of protagonist and antagonist muscular chains.
- It should have digital counter to display number of cycles and time duration.
- Various parameters such as movement, speed and range of motion should be self-controlled by patient only.
- The range of motion should be selectable from 0º to 100º.
- Brake should be adjustable from 2.5 to 15 kg.
- It should have butted stop for more stability.
- The active motion repetition should promote the proprioception of the joint.

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(11)M&E/12-04 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(11)M&E/12-04	**Chisel Set**	**1**	**12,000.00**	***13.07.12***	***10.30 a.m.***	***Single bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(11)M&E/12-04	Chisel Set	**1**	Single bid	12,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Chisel & Instruments set	
Chisel Handle	2
Chisel Blade, Width 10mm	3
Chisel Blade, Width 16mm	3
Chisel Blade, Width 25mm	3
Periosteal Elevator, straight shaft, straight edge, 13mm wide, L 200mm	1
Periosteal Elevator, curved shaft, straight edge,13mm wide, L 200mm	1
Hammer 700g	1
Reduction forceps, toothed, ratchet lock, length 140mm	1
Gouge for cancellous bone graft with handle, straight, width 15 mm	2
Gouge for cancellous bone graft with handle, curved, width 15 mm	2
Bone lever, short narrow tip, width 8mm , length 220mm	1
Bone lever, short narrow tip, width 18mm , length 235mm	1
Bone lever, long narrow tip, width 18mm , length 235mm	1
Rasp, round	1
Rasp, half-round	1
Gouge, curved, width 15 mm	1
Chisel, flat, straight, width 16 mm	1
Chisel, flat, curved, width 16 mm Rasp	1
osteotome 10mm L 150mm	1
Universal chuck, small , with T-Handle	1
Plier for screw removal, length 205mm	1
Screwdriver, hexagonal, large, dia 3.5mm, with groove, length 240mm	1
Screwdriver, hexagonal, for cannulated screws dia 6.5mm and 7.3mm, for screw removal	1

Note –All instruments should have TUV certification.

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(11)M&E/12-05 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(11)M&E/12-05	**Ventilators**	**15**	**150,000.00**	***13.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(11)M&E/12-05	Ventilators	**15**	Double bid	150,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Q-1(11)M&E/12-05

SPECIFICIATION OF TRANSPORT VENTILATOR

- The portable Ventilator should be light weight and can be capable to using in the ICU if the need arises.
- Should be microprocessor controlled, portable, light weight.
- Should be operate with main electric supply as well as battery.
- Should be able to work both with cylinder and pipe line, connectors and high pressure tubing of appropriate length to be supplied.
- Should have turbine/piston technology for supplying air oxygen mixture.
- Should have following modes of ventilation:
  CMV, Assist control, SIMV, PS-PEEP
- Audio-visual alarms for
  a. Low supply pressure.
  b. High/Low/airway pressure.
  c. Leakage/disconnection.
  d. Apnea.
  e. Low Battery.
- Should have the following setting
  a. TV 50 – 2000 ml
  b. PEEP/CPAP & PS.
  c. RR up to bpm.
  d. I : E ratio 1:3 to 1:40
  e. FiO2 21 – 100%
- Battery Back-up minimum 4 hours.
- System Configuration Accessories, spares and consumable
  a. Adult reusable/autoclavable silicon patient circuit – 02
  b. Pediatric reusable/autocalvable silicon patient circuit – 02
  c. Oxygen Hose – 01 no.
- The unit should be capable of being stored continuously in ambient temperature of 0-50C and relative humidity of 15-90%.
- The unit should be capable of operating continuously in ambient temperature of 0-50 C and relative humidity of 15-90%
- Shall meet IEC – 60601-1-2 and general requirement of safety for Electromagnetic compatibility.
- Power in put to be 220-240 V AC, 50 Hz.

- Product should be CE/FDA or BIS approved.
- Manufacturer should have ISO certification for quality standard.
- Guarantee/Warranty for 2 year and AMC for 5 years.
- Performance/Installation of the same equipment to be required.
- Local Service Center should be in Delhi.

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(11)M&E/12-06 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(11)M&E/12-06	**ECG Machine**	**6**	**3,600.00**	***16.07.12***	***10.30 a.m.***	***Single bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(11)M&E/12-06	ECG Machine	**6**	Single bid	3,600.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Q-1(11)M&E/12-06

TECHNICAL SPECIFICATIONS OF SINGLE CHANNEL ECG MACHINE

1. The ECG Machine should be the latest generation produced by company concerned and should operate on mains (220 V- 50 Hz) and rechargeable battery separately.

2. The recorder should run minimum of 4 hours on fully charged battery.

3. It should provide facility to record following leads.

(a) Standard Lead (the limb leads or bipolar limb leads): I, II & III.
(b) Augmented Limb leads: AVL, AVR & AVF.
(c) Chest Leads (the unipolar or V-leads) : From V1 to V6
(d) Right sided chest leads.

4. Should be provided with terminal for a good earth connection to preclude electrical disturbances while recording.

5. It should record on standard thermal printer paper available in India.

6. It should record the paper at a speed of 25 mm per second.

7. Post sale services and maintenance should be available.

8. The machine should be portable (weight around 2.5 to 3.0 Kg.)

9. Product should be CE/ FDA or BIS approved.

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(11)M&E/12-07 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(11)M&E/12-07	**ICU Ventilators**	**6**	**168,000.00**	***16.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(11)M&E/12-07	ICU Ventilators	**6**	Double bid	168,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Q-1(11)M&E/12-07

SPECIFICATIONS FOR ICU VENTILATOR

1. **Must be micro -processor controlled ventilator compatible for neonates to adult and should be upgradeable.**
2. **Should be based on time cycled, volume constant and pressure-controlled principle with options of continuous base flow for neonates.**
3. **Should have following modes of ventilation for both invasive and non-invasive : IPPV, CPAP/ PEEP, BIPAPP/ DUOPAP, SIMV with pressure support, CPAP with pressure support, pressure regulated volume controlled (PRVC)/ Volume Assured Pressure Support (VAPS)/ Auto mode/ ASV/ Auto flow/ Volume support and APRV.**
4. **Should have leak updated triggering to minimize auto- cycling.**
5. **Should have adjustable flow triggering from 0.3 – 12 LPM.**
6. **Should have option for flow and volume monitoring at Y – piece for neonate patients.**
7. **Should work on all external sources : External AC Internal Battery.**
8. **Should have integrated colour TFT/ colour TFT touch screen display of at least 10" or more for displaying and monitoring of respiratory mechanics including loops.**
9. **Should have inbuilt electronic blender.**
10. **Battery back for at least one hour for both compressor and the ventilators should be there.**
11. **Machine must have provision for following settings :**
    - **(a) Tidal volume : 2 – 2000 ml (10 ml in volume control mode)**
    - **(b) Flow : 1 litre per min. – 180 liter per min.**
    - **(c) Flow pattern : sine, square, 100% decelerated or 50 % decelerated.**
    - **(d) Inspiratory plateau : 0-70% Inspiratory time.**
    - **(e) Frequency : up to 100bpm.**
    - **(f) PEEP/ CPAP : 0-50 cm H2O, reusable patients filter.**
    - **(g) Pressure support : 0-100 cm H2O.**
    - **(h) FiO2 : 21-100%.**
    - **(i) Trigger sensitivity : flow 0.5-15 lpm all patient initiative breath.**
    - **(j) Pressure : 0.5-10 cm below PEEP/ CPAP.**
    - **(k) I:E : Inverse ratio up to 4:1.**
    - **(l) Apnea back up.**
    - **(m)100% oxygen : for at least 3 min, for suction.**
    - **(n) Inbuilt nebulizer.**
    - **(o) Inspiratory pause and expiratory.**
    - **(p) Should have the facility to adjust the rate or rise in the Inspiratory pressure.**
12. **Should have built-in user-friendly graphic screen for the monitoring of the following parameters, wave formas and loops.**
    - **(a) Volume : Vti, Vte, MV, MV leak, MV spon.**
    - **(b) Airway pressure : Peak, Mean, Plateau and Min.**
    - **(c) Frequency : tidal, mandatory and spontaneous.**
    - **(d) Resistance and compliance.**
    - **(e) FiO2.**
    - **(f) Real time flow, pressure and volume curves.**
    - **(g) Loops for pressure vs. volume, pressure vs. flow and volume vs. flow.**
    - **(h) Graphic trends for R, C, FiO2, Mean pressure, MV, PEEP etc.**
    - **(i) Log book for last 100s events.**
    - **(j) Pressure : 0.5-10 cm below PEEP/ CPAP.**

(k) Monitoring like Rapid shallow Breathing Index, Negative Inspiratory Force and Pressure Support Volume.

(l) Upper and lower inflection points.

13. There must be a software package that is P/V tool maneuvered for calculation and display of respiratory mechanics like dynamic mechanical monitoring etc.

14. Should have also following features :

(a) Safety Relief Valve – 100 cm H2O.

(b) Automatic leakage compensation and compliance compensation.

(c) Should be able to ventilator the patients with air in case of oxygen and gas supply failure.

15. Should have audio – visual alarms for following :

(a) High or low airway pressure.

(b) High or low tidal volume.

(c) Tube blocked or disconnection.

(d) Gas supply failure, ventilator inoperative.

(e) High or low respiratory rate.

(f) MV low or high.

(g) Apnea.

(h) Lose of PEEP.

(i) Main power, air, oxygen supply failure.

(j) Oxygen : Minimum or high oxygen.

16. Should have servo-controlled humidifier with heated wire and monitoring of inspired gas temperature.

17. Ventilator should be upgradable (optional) to the following modules :

(a) ETCO2 monitoring.

(b) Heliox monitoring.

18. Ventilator should be US FDA and CE certified.

19. Manufacturer should be ISO certified for the ventilator being offered.

20. Should be modular mobile trolley and hinged arm of non-corrosive material. (SHOULD BE FROM THE SAME MANUFACTURER, no indigenous trolley will be acceptable).

21. Following accessories should be supplied for each unit :

(a) Two sets of patients hose (Silicon reusable circuits) (of same make) each for adult, pediatric and neonates with one test lung (of same make) each for each category patients.

(b) Oxygen and Air hose of 5 m length.

(c) Hinged arm – 1 No.

(d) Servo-controlled humidifier with two chambers and two heated wire for adult and pediatric patients each.

(e) Mobile Trolley – 1 No.

(f) Nebulizer – 1 No.

(g) Medical Air compressor from the SAME manufacturer complying with CE & IEC certification.

(h) Masks for non-invasive ventilation : silicon material, cushioned, oro-facial and nasal masks of good quality, with straps for fixing – 1 each (oro-facial and nasal) of different sizes (i.e. large, medium and small size). Should have the option to choose the quality or brand of masks at the time of demonstration.

22.Demonstration is a must.

23. AMC/ CMC : with and without spares should be quoted for five years after expiry of two years warranty period.

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(11)M&E/12-08 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(11)M&E/12-08	**Ventilator for wards**	**10**	**180,000.00**	***16.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(11)M&E/12-08	Ventilator for wards	**10**	Double bid	180,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Q-1(11)M&E/12-08

SPECIFICATIONS FOR VENTILATORS FOR WARDS

- **Suitable for Adult, Paediatric patients in all critical care areas.**
- **Should be an upgradable design with software/ hardware upgradeability for new/ future functions.**
- **Should have both invasive and non invasive ventilation modes. Non invasive ventilation should be possible in all modes from control to spontaneous.**
- **The ventilator should have minimum internal battery backup upto 4 hours (may be offered separately) and should be flush mounted on the trolley.**
- **Should have an integrated internal air source such as turbine or should have air compressor of same make. º for delivering continuous flow of 180 lpm or more.**
- **Integrated colour screen with display of pressure vs. time curves.**
- **The ventilator should have extremely sensitive valve with response time ≤ 5 msec for ensuring quick delivery of gases during spontaneous breathing (proof of same to be shown in technical data sheet).**
- **The ventilator should have a inbuilt nebuliser which should be inspiration synchronized and volume compensated. This should be supplied as standard scope of supply.**
- **The ventilator should be supplied with heated servo controlled humidifier with suitable hoses for adults and pediatrics. Same humidifier should be suitable for both invasive and non invasive use.**
- **For highly infectious diseases, disposable patient hoses, disposable expiratory valves and disposable HMEs for adults and pediatrics should be offered as per scope of supply.**
- **The ventilator should have the following ventilation modes as standard :**
  O Volume Control – Control, Assist Control, SIMV with/ without pressure support.
  0 Sigh- pressure oriented sigh to avoid volutrauma/ barotraumas and should be adjustable above the set PEEP.
  0 CPAP with / without Pressure Support.
  0 PC-BIPAP – Biphasic with/ without Pressure Support with spontaneous breathing at two pressure levels. Should be one pressure mode from intubation or extubation.
  0 Auto Flow or equivalent (AS/PRVC/VAPS etc.) for delivering tidal volume within a set PIP ; should be possible to combine in all volume control modes and should allow spontaneous breathing in all volume controlled modes.
  0 Apnoea backup ventilation mode.
  0 Non invasive Ventilation :
  - **Should be possible to be used in all modes – from control to spontaneous.**
  - **Should have leakage compensation upto 100% of tidal volume.**
  - **The alarm limits and compensation criteria should get modified based on selection of Tube/ Mask Ventilation mode for all the modes.**

- **Should have BTPS compensated settings for :**

Tidal Volume in Volume modes	**:**	**50 ml to 2000 ml**
Peak Inspiratory Pressure	**:**	**0 – 99 cmH2O**

CPAP/ PEEP	**:**	**0 – 35 cmH2O**
Inspiratory Rate	**:**	**2 – 80 bpm**
Inspiratory Time	**:**	**0.2 – 10 sec.**
Flow acceleration	**:**	**5 – 200 mbar (to deliver continuous Peak flow upto 180 1pm**
Inspiratory flow	**:**	**0 – 180 1pm**
Flow Trigger	**:**	**1 – 15 1pm**
Pressure support	**:**	**0 – 35 cmH2O**
Manual Inspiratory hold	**:**	**0 – 15 sec (Adult), 0 – 5 sec (Ped)**
Sigh (Pressure oriented)	**:**	**0 – 15 cm H2O, every 3 minutes for 2 Cycles**
FiO2	**:**	**21 – 100%**
Apnoea alarm timing	**:**	**15 –60 seconds**

- **Should have BTPS compensated real time monitoring of :**
  - **Pressure – Peak, Plateau, Mean, CPAP/ PEEP**
  - **Tidal Volume – Set (Inspired), Monitored (expired)**
  - **Minute Volume – expired, spontaneous**
  - **Frequency/ Rate – Set (Inspiratory), Spontaneous, total, I:E Ratio**
  - **FiO2 measured**
  - **Airway Temperature (if active humidifier is used)**
  - **Lung Mechanics – Resistance, Compliance**

- Should have three level (Advice- Caution – Warning) ISO alarm management with different audio visual color alarms, including corrective help messages on the screen for :-

  - **High/ low pressure**
  - **High/ low Minute Volume**
  - **High Rate**
  - **High Tidal Volume**
  - **Apnoea/ apnoea alarm time**
  - **High/ low O2% (automatic settings)**
  - **Oxygen line failure**
  - **Technical error (with error code)**
  - **Incorrect/ abnormal settings – with warning message**

- **Scope of supply should include**
  - **Basic Unit (220 – 240 V) with integrated screen and integrated internal battery to power internal turbine/ compressor.**
  - **Modular corrosion free Trolley & Hinged Arm – should be imported, of same make as the quoted brand <u>and no local substitute will be accepted/ should be offered</u>**
  - **Servo controlled humidifier for both invasive and non invasive use with 2 set reusable Silicon Hose set (of same make) for Adults, 2 set reusable Silicon Hose set (of same make) for children with chambers for adult and Pediatric patients.**
  - **Heated Flow sensor/ expiratory cassette – 10 nos.**
  - **Reusable autoclavable expiratory valve – 2 nos. (1 on machine and 1 on**

standby).

- **Disposables :**
  - **Disposable Adult hose set – 50 nos.**
  - **Disposable Pediatric hose set – 50 nos.**
  - **Disposable pediatric HME for use from 50 – 200 ml.**
  - **Disposable expiratory valves for use with the machine – 20 nos.**
- **Oxygen connecting Hose – 5 meters**
- **Nebuliser – pneumatic, inspiration synchronized**
- **Mask for Non Invasive Ventilation : silicon material, cushioned oro-facial of good quality with straps for fixing – 1 each for different size (large, medium and small). Should have option to choose the quality or brand of masks at time of demonstration.**
- **Demonstration is must.**
- **AMC/ CMC with & without spares should be quoted for 5 years after the expiry of 5 years warranty period.**
- **Integrated RS232C Interface**
- **Test lung – Adult & Pediatric of the same make.**
- **Instruction and Service Manual.**

- **<u>Quality Standards and Support requirements</u>**
  - **The offered unit should have CE & US FDA certificate**
  - **The unit should comply with relevant IEC Certification**
  - **EN794 –1 Standard for ICU Ventilators**
  - **RTC/ DO-160D Environmental conditions**
  - **MIL – STD-461 for control of electromagnetic emissions**
  - **Electromagnetic compatibility ICE/ EN 60601-1-2**
  - **Indian subsidiary/ dealer should have a service centre in Delhi.**

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(11)M&E/12-09 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(11)M&E/12-09	**Flexible Intubation Fiberscope Paediatric & Infant Set**	**1**	**20,000.00**	***16.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(11)M&E/12-09	Flexible Intubation Fiberscope Paediatric & Infant Set	**1**	Double bid	20,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

Q-1(11)M&E/12-09

TECHNICAL SPECIFICATIONS OF FLEXIBLE INTUBATION FIBERSCOPE (PEDIATRIC & INFANT SET)

- **It should be light weight, high resolution flexible scope**
- **It should have disposable Suction valves to avoid risk of Cross- Contamination**
- **It should have bending mechanism knob without lock**
- **It should be fully immersible in disinfectant solution**

- **SPECIFICATIONS PEDIATRIC SET**
  - **Field of view - 90 degrees or more**
  - **Depth of view- 3 mm to 50 mm or more**
  - **Distal End Dia- 3.5 mm to 4.0 mm**
  - **Insertion tube dia- 4.5 mm or more**
  - **Bending range- UP 140º - 180º & DOWN 120º- 140º**
  - **Working length- 620 mm or more**
  - **Total length- 900 mm or more**
  - **Channel Diameter- 1.5 mm or more**

- **SPECIFICATIONS INFANT SET-**
  - **Field of view - 80 degrees or more**
  - **Depth of view- 3 mm to 50 mm or more**
  - **Distal End Dia- 2.8 mm or less**
  - **Insertion tube dia- 3.5 mm or more**
  - **Bending range- UP 140º - 180º & DOWN 120º- 140º**
  - **Working length- 620 mm or more**
  - **Total length- 900 mm or more**
  - **Channel Diameter- 1.2 mm or more**

SECTION I
NOTICE INVITING TENDERS (NIT)

FROM: **Government of India**
Office of the Medical Superintendent,
VMMC & Safdarjang Hospital
New Delhi-110029

FAX/PHONE No. : 91-11-26175969

Tender Enquiry No.: Q-1(11)M&E/12-10 **Dated**

(1) Office of the Medical Superintendent, VMMC & Safdarjang Hospital, Govt. of India, for and on behalf of the President of India invites sealed tenders, from eligible and qualified bidders for supply of following Goods:

Schedule No.	Brief Description of Goods	Qty.	Amount of Bid Security (in Rs.)	Bid Opening Date	Bid Opening Time (Hrs)	Single/Two Tender System
Q-1(11)M&E/12-10	**Adult Flexible Intubation Fiberscope with Light Source & camera**	**1**	**40,000.00**	***16.07.12***	***10.30 a.m.***	***Double bid***

(2) **Closing date & Time for Receipt of Bids:** To be dropped in Tender Box before bid opening date and time
Bids opening Date and Time: As mentioned above
Bidding Documents are available for sale at this office from 10.00 hrs to 13.30 hrs on all working days except Saturday (10.00 Hrs to 12.00 Hrs), till a day prior to the closing date of receipt of Bid indicated above.

(3) Interested bidders may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee **of (*Rs 500/-*)** per set in cash in the form of a account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "Medical Superintendent, Safdarjang Hospital, New Delhi" payable at New Delhi**.**

(4) Bidder may also download the tender enquiry documents from the web site of the Hospital http://vmmc-sjh.nic.in and also from Central Procurement portal ***(cppp.nic.in)*** and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

(5) The Pre-Bid meeting, NA

(6) It is the responsibility of the Bidders to ensure that their Bids, whether sent by post or by courier or by person, are dropped in the Tender Box of the Hospital kept at Ground Floor, Office of the Medical Superintendent Block, New OPD Building, Safdarjang Hospital, New Delhi by the closing date and time stipulated above in the Para 2 for receipt of Bid, failing which the bid would be considered late and rejected.

(7) The Invitation for Bid documents is not transferable.

(8) In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.

CMO Medical Store (M&E)
For Medical Superintendent,
VMMC & Safdarjang Hospital

SECTION - VI

LIST OF REQUIREMENTS (Given Separately)

Part I

Schedule No.	Brief Description of Goods	Quantity	Single/Two Tender System	Amount of Bid Security (in Rs.)
Q-1(11)M&E/12-10	Adult Flexible Intubation Fiberscope with Light Source & camera	**1**	Double bid	40,000.00

Part II: Required Delivery Schedule:

(i) Supply of Ordered Goods:

a) For Indigenous goods or for imported goods if supplied from India or Good to be imported and supplied against payment in Indian Rupees:

Twelve (12) weeks from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earlier delivery period).

b) For Imported goods directly from abroad:

Twelve (12) weeks from the date of opening of L/C for shipment. The date of delivery will be the date of dispatch of the ordered goods from the port of loading (Bidders may quote earlier delivery period) to the Port of Entry in the Purchaser's country (India).

(ii) Execution of Ordered Services:

The installation/commissioning (if applicable as per the requirement given in technical specifications at Section VII) of ordered good(s) shall be carried out by the successful bidder within four weeks time from the date of delivery of equipment and the date of making available the site (by the Consignee), whichever is later.

(iii) In case the successful bidder offers the supply of Goods directly from abroad (against payment through L/C) as well as from India, the Delivery schedule for all the offered Goods shall be Twelve (12) weeks from the date of opening of L/C for shipment.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification.

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification. **(P.S. Even if AMC has been asked for in the Technical Specifications, the bidder is to quote for 5 years of CMC after the warranty period)**

Part VI: Required Terms of Delivery and Destination.

a) <u>For Domestic Goods Or of Foreign Origin Located Within India/Goods to be imported and offered against payment in Indian Rupees</u>:

TECHNICAL SPECIFICATIONS OF ADULT FLEXIBLE INTUBATION FIBERSCOPE WITH LIGHT SOURCE & CAMERA

- **It should be light weight, high resolution flexible scope**
- **It should have disposable Suction valves to avoid risk of Cross- Contamination**
- **It should have bending mechanism knob without lock**
- **It should be fully immersible in disinfectant solution**

- **SPECIFICATIONS PEDIATRIC SET**
  - **Field of view - 100 degrees or more**
  - **Depth of view- 3 mm to 50 mm or more**
  - **Distal End Dia- 5 mm or more**
  - **Insertion tube dia- 6 mm or more**
  - **Bending range- UP 140º - 180º & DOWN 120º- 140º**
  - **Working length- 620 mm or more**
  - **Total length- 900 mm or more**
  - **Channel Diameter- 2.5 mm or more**

- **Standard set should include reusable & autoclavable biopsy forcep (1 no.) & cleaning/ maintenance kit.**
- **Digital Single- Chip Medical-Video-Camera – color system PAL, NTSC with integrated Image Processing Module.**
- **Should be fully compatible to the color systems PAL & NTSC.**
- **Should have the facility of Digital Image Processing by means of an integrated Image Processing Module. Multiple settings allow the user to select the Preferred level of image enhancement.**
  - **Digital contrast enhancement**
  - **Digital anti-moire/ anti-grid filter for use with fiberscope's (for the purpose of removing mesh effect seen while using fiberscopes.**

- **High horizontal image resolution of more than 450 lines, therefore even the finest variations in tissue structures are perceivable on a high-resolution monitor. (Minimum resolution required in single chip camera system)**
- **Composite & S-VHS compatibility (two signal outputs-one can be attached to monitor and other for any recording device)**
- **2 programmable function keys on the camera head for control of camera functions or video printer/ recorder functions & other peripheral units. (remote control keys on camera head to operate the full menu function)**
- **Adaptable to an operating microscope by means of a special quick adapter. (same camera can be attached to microscope for future purposes)**
- **Camera head fully soakable for disinfection.**
- **It should be provided with 19" LCD Monitor.**
- **It should have a 250 W Halogen light source with automatic backup operation in case of lamp failure.**
- **It should have a fibre light cable 2300 mm in length with 3.5 mm fibre bundle diameter.**

- **It should have universal rotatable light cable socket which can accommodate all brand cables.**
- **Report Generation Centre**
    - **Computer P-IV**
    - **Photo quality printer**
    - **Image capturing software for video & still image**

- **Endoscopic trolley & leakage tester**
- **Compliance report to be submitted in a tabulated & point wise manner clearly mentioning the page/ para number of original catalogue/ date sheet**
- **Demonstration is must**
- **User list to be provided with the performance certificate should have local service facility**
- **Comprehensive guarantee 2 years & 5 years CMC including all parts.**